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Thirty-fifth

Annual Coal Report

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# of Illinois

State Mining Board

1916

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STATE MINING BOARD, 1916.

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W. P. ASA, *Statistician,* Springfield.

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STATE INSPECTORS OF MINES, 1916.

FIRST DISTRICT.

BEN D. ROBERTS, Streator.

SECOND DISTRICT.

THOMAS H. DEVLIN, Assumption.

THIRD DISTRICT.

GEORGE L. MORGAN, Pekin.

FOURTH DISTRICT.

DAVID Z. THRUSH, Farmington.

FIFTH DISTRICT.

J. W. STARKS, Georgetown.

SIXTH DISTRICT.

JOHN GARRITY, Riverton.

SEVENTH DISTRICT,

Archibald Frew, Gillespie.

EIGHTH DISTRICT.

JOHN KANEY, Centralia.

NINTH DISTRICT.

WILLIAM HARTMAN, Belleville.

TENTH DISTRICT.

JOHN MCCLINTOCK, Murphysboro.

ELEVENTH DISTRICT.

JOHN E. JONES, Benton.

TWELFTH DISTRICT.

JAMES S. REID, Carterville.

LETTER OF TRANSMITTAL.

State of Illinois,
Office of the State Mining Board,
Springfield, *January 1, 1917.*

Honorable Edward F. Dunne, Governor of Illinois.

Sir: I have the honor, on behalf of the State Mining Board, to submit herewith the Thirty-Fifth Annual Report of the coal industry of the State for the fiscal year ended June 30, 1916.

Very respectfully,

J. F. Morris, *Chief Clerk.*

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THIRTY-FIFTH ANNUAL COAL REPORT FOR THE YEAR ENDED JUNE 30, 1916.

INTRODUCTORY.

The year ended June 30, 1916, broke all records of the coal mining industry of Illinois. The total output in short tons is 63,673,530, a gain of 2,957,735 tons over 1914, which, up to the present year, had the greatest production in the history of the industry in this State. The increased production over last year is 6,071,836 tons, or more than 10½ per cent. This increase is due to the fact that there were 24 more mines in operation, 312 more men employed and that the working time was increased from 158 to 163 days.

The average daily earnings of miners, where hand mining was done exclusively, is $3.37, while last year this class of employees earned a daily wage of $3.27. An increase of five cents a day for the machine men and loaders in exclusive machine mines will be seen.

The average earnings for the year of miners in hand mines is $593.19, a gain over last year of $54.24. Machine men and loaders in exclusive machine mines, earned an average of $771.10, $45.75 more than last year.

During the year 165 men lost their lives and 1,305 were injured, so as to lose 30 or more days time, while attending to their duties in and about the mines.

It is very gratifying to be able to state that the mining industry is being placed on a higher plane, the mines are undergoing improvements along modern and scientific lines, wash-houses for the men erected, training in rescue and first aid work maintained and accelerated, and the work of the State Inspectors is more efficient and scientific.

SUMMARY.

The following is a summary and comparison with 1915, of the principle items contained in this report:

Summary.	1916	1915
Number of counties producing coal	51	52
Number of mines and openings of all kinds	803	779
New mines or old mines re-opened during the year	137	112
Mines closed or abandoned since last report	111	139
Total output of all mines, in tons of 2,000 pounds	63,673,530	57,601,694
Number of shipping or commercial mines	284	280
Total output of shipping mines, tons	62,283,236	56,172,556
Number of mines in local trade only	519	499
Output of local mines, tons	1,390,294	1,429,138
Total tons of mine run coal	11,026,604	10,011,231
Total tons of lump coal	21,768,006	19,211,277
Total tons of egg coal	8,775,077	8,701,605

Summary—Concluded.

Summary.	1916	1915
Total tons of nut coal	4,279,045	3,793,146
Total tons of pea coal	15,969,635	13,967,755
Total tons of slack coal	1,855,163	1,916,680
Total tons shipped	44,154,419	41,461,218
Tons supplied to locomotives at mines	676,220	615,899
Tons sold to railroad companies	14,447,497	11,090,377
Tons sold local trade	2,244,026	2,184,853
Tons consumed (or wasted) at the plant	2,151,368	2,249,347
Average days of active operation for shipping mines	185	172
Average days of active operation for all mines	163	158
Number of motors in use	648	604
Number of mining machines in use	1,822	1,686
Number of tons undercut by machines	39,370,196	34,037,426
Number of tons mined by hand	24,303,334	23,564,268
Average number of miners employed during the year	27,272	29,560
Average number of other employees underground	40,747	38,622
Average number of boys employed underground	1,407	1,190
Average number of employees above ground	6,493	6,235
Total number of employees	75,919	75,607
Average price paid per gross ton for hand mining, shipping mines	$0.67	$0.666
Average price paid per gross ton for machine mining	$0.524	$0.52
Number of kegs of powder used for blasting coal	1,150,504	1,107,326
Number of kegs of powder used for other purposes	1,324	2,355
Number of pounds of permissible explosives	1,536,726	1,342,334
Number of men accidently killed	165	180
Number of men injured so as to lose a month or more of time	1,305	1,013
Number of gross tons mined to each life lost	385,900	320,009
Number of employees to each life lost	460	420
Number of deaths per 1,000 employed	2.17	2.38
Number of gross tons mined to each man injured	48,792	56,862
Number of employees to each man injured	58	75

Classification of Mines.

Table 1 shows by districts the number of mines, men and tons in all mines and also for shipping and local mines.

Table 1—Mines, men and tons, shipping and local mines, by district.

District.	All mines.			Shipping mines.			Local mines.		
	Mines.	Men.	Tons.	Mines.	Men.	Tons.	Mines.	Men.	Tons.
First	50	3,900	1,708,023	17	3,382	1,406,693	33	518	301,330
Second	80	3,649	1,768,658	8	3,234	1,630,158	72	415	138,500
Third	93	5,175	3,064,668	22	4,777	2,862,527	71	398	202,141
Fourth	208	3,311	2,086,760	18	2,760	1,901,309	190	551	185,451
Fifth	53	6,116	5,418,397	22	5,883	5,277,161	31	233	141,236
Sixth	31	7,561	5,355,216	26	7,429	5,269,550	5	132	85,666
Seventh	28	8,391	8,398,968	17	8,327	8,375,690	11	64	23,278
Eighth	31	6,189	6,120,993	19	6,099	6,070,240	12	90	50,753
Ninth	54	4,047	3,315,650	37	3,844	3,181,775	17	203	133,875
Tenth	60	5,330	4,860,831	29	5,192	4,802,301	31	138	58,530
Eleventh	70	13,668	13,668,857	39	13,569	13,625,573	31	99	43,284
Twelfth	45	8,582	7,906,509	30	8,502	7,880,259	15	80	26,250
The State, 1916	803	75,919	63,673,530	284	72,998	62,283,236	519	2,921	1,390,294
The State, 1915	779	75,607	57,601,694	280	72,227	56,172,556	499	3,380	1,429,138
Increase (+) decrease (—)	+24	+312	+6,071,836	+4	+771	+6,110,680	+20	—459	—38,844

Table 2 gives the percentages of the items shown in Table 1.

TABLE 2—PERCENTAGES OF MINES, MEN AND TONS, ALL MINES AND OF SHIPPING AND LOCAL MINES.

District.	Percentages—all mines.			Percentages—shipping mines.			Percentages—local mines.		
	Mines.	Men.	Tons.	Mines.	Men.	Tons.	Mines.	Men.	Tons.
First	6.23	5.14	2.68	34.00	86.72	82.36	66.00	13.28	17.64
Second	9.96	4.81	2.78	10.00	88.63	92.17	90.00	11.37	7.83
Third	11.58	6.82	4.81	23.66	92.31	93.40	76.34	7.69	6.60
Fourth	25.90	4.36	3.28	8.65	83.36	91.11	91.35	16.64	8.89
Fifth	6.60	8.06	8.51	41.51	96.19	97.39	58.49	3.81	2.61
Sixth	3.86	9.96	8.41	83.87	98.25	98.40	16.13	1.75	1.60
Seventh	3.49	11.05	13.19	60.71	99.24	99.72	39.29	.76	.28
Eighth	3.86	8.15	9.61	61.29	98.55	99.17	38.71	1.45	.83
Ninth	6.72	5.33	5.21	68.52	94.98	95.96	31.48	5.02	4.04
Tenth	7.47	7.02	7.63	48.33	97.41	98.80	51.67	2.59	1.20
Eleventh	8.72	18.00	21.47	55.71	99.28	99.68	44.29	.72	.32
Twelfth	5.61	11.30	12.42	66.67	99.07	99.67	33.33	.93	.33
The State	100.00	100.00	100.00	35.37	96.15	97.82	64.63	3.85	2.18

Table 3 shows the items in Table 1 for a series of 24 years.

TABLE 3—ALL MINES, MEN AND TONS AND SHIPPING AND LOCAL MINES FOR 24 YEARS.

Year.	Total.			Shipping.			Local.		
	Mines.	Men.	Tons.	Mines.	Men.	Tons.	Mines.	Men.	Tons.
1893	788	35,390	19,949,564	310	28,737	19,257,682	478	6,653	691,882
1894	836	38,477	17,113,576	319	31,243	16,106,613	517	7,234	1,006,963
1895	874	38,630	17,735,864	319	31,174	16,578,890	555	7,456	1,156,974
1896	862	37,032	19,786,626	330	28,185	18,263,056	532	8,847	1,523,570
1897	853	33,788	20,072,758	310	31,322	19,386,573	543	2,466	686,185
1898	881	35,026	18,599,299	329	32,297	17,655,561	552	2,729	943,738
1899	889	36,991	23,434,445	323	34,307	22,531,356	566	2,684	903,089
1900	920	39,384	25,153,929	323	36,298	24,056,996	597	3,086	1,096,933
1901	915	44,143	26,635,319	331	40,926	25,526,816	584	3,217	1,108,503
1902	915	46,005	30,021,300	332	42,807	28,824,750	583	3,198	1,196,550
1903	933	49,814	34,955,400	353	46,494	33,676,537	580	3,320	1,278,863
1904	932	54,774	37,077,897	380	51,384	35,779,517	552	3,390	1,298,380
1905	990	59,230	37,183,374	397	55,743	35,956,543	593	3,487	1,226,831
1906	1,018	62,283	38,317,581	419	58,851	37,133,811	599	3,432	1,194,770
1907	933	66,714	47,798,621	411	63,154	46,436,839	522	3,560	1,361,782
1908	922	70,841	49,272,452	407	67,470	47,806,730	515	3,371	1,462,722
1909	886	72,733	49,163,710	384	69,518	47,958,562	502	3,215	1,205,148
1910	881	74,634	48,717,853	390	71,520	47,225,201	491	3,114	1,492,652
1911	845	77,410	50,165,099	387	74,508	48,758,657	458	2,902	1,406,442
1912	879	79,411	57,514,240	380	76,407	56,096,695	499	3,004	1,417,545
1913	840	79,497	61,846,204	371	76,855	60,515,416	469	2,642	1,330,788
1914	796	80,035	60,715,795	340	77,262	59,379,182	456	2,773	1,336,613
1915	779	75,607	57,601,694	280	72,227	56,172,556	499	3,380	1,429,138
1916	803	75,919	63,673,530	284	72,998	62,283,236	519	2,921	1,390,294

Table 4 gives the number of mines, men and tons and the per cent of shipping and local mines, each year, 1893 to 1916 inclusive.

TABLE 4—MINES, MEN AND TONS, WITH PERCENTAGES OF SHIPPING AND LOCAL MINES FOR 24 YEARS—1893–1916.

Year.	Total—all mines.			Percentages—shipping.			Percentages—local.		
	Mines.	Men.	Tons.	Mines.	Men.	Tons.	Mines.	Men.	Tons.
1893	788	35,390	19,949,564	39.34	81.20	96.53	60.66	18.80	3.47
1894	836	38,477	17,113,576	38.16	81.20	94.10	61.84	18.80	5.90
1895	855	38,630	17,735,864	36.50	80.70	93.48	63.50	19.30	6.52
1896	862	37,032	19,786,626	36.62	76.11	96.26	63.38	23.89	3.47
1897	853	33,788	20,072,758	36.38	92.72	96.53	63.62	7.28	3.47
1898	881	35,026	18,599,299	37.49	92.30	94.93	62.51	7.70	5.07
1899	889	36,991	23,434,445	36.33	92.74	96.15	63.67	7.26	3.85
1900	920	39,384	25,153,929	35.11	92.16	95.64	64.89	7.84	4.36
1901	915	44,143	26,635,319	36.17	92.71	95.84	63.83	7.29	4.16
1902	915	46,005	30,021,300	36.28	93.05	96.01	63.72	6.95	3.99
1903	933	49,814	34,955,400	37.83	93.34	96.34	62.17	6.66	3.66
1904	932	54,774	37,077,897	40.77	93.81	96.50	59.23	6.19	3.50
1905	990	59,230	37,183,374	40.10	94.11	96.70	59.90	5.89	3.30
1906	1,018	62,283	38,317,581	41.16	94.49	96.88	58.84	5.51	3.12
1907	933	66,714	47,798,621	44.05	94.66	97.15	55.95	5.34	2.85
1908	922	70,841	49,272,452	44.14	95.24	97.03	55.86	4.76	2.97
1909	886	72,733	49,163,710	43.34	95.58	97.55	56.66	4.42	2.45
1910	881	74,634	48,717,853	44.27	95.83	96.94	55.73	4.17	3.06
1911	845	77,410	50,165,099	45.80	96.25	97.20	54.20	3.75	2.80
1912	879	79,411	57,514,240	43.23	96.22	97.52	56.77	3.78	2.48
1913	840	79,497	61,846,204	44.17	96.68	97.85	55.83	3.32	2.15
1914	796	80,035	60,715,795	42.71	96.54	97.80	57.29	3.46	2.20
1915	779	75,607	57,601,694	36.07	95.55	97.52	63.93	4.45	2.48
1916	803	75,919	63,673,530	35.37	96.15	97.82	64.63	3.85	2.18

Table 5 is a classification of the mines into six groups and shows the number of mines and tons produced in each class.

TABLE 5—GROUPING OF MINES BY TONNAGE.

District.	Tonnage and mines producing—											
	Under 1,000.		1,000 but under 10,000.		10,000 but under 50,000.		50,000 but under 100,000.		100,000 but under 200,000.		200,000 and over.	
	No.	Tons.	No.	Tons.	No.	Tons.	No.	Tons.	No.	Tons.	No.	Tons.
First	16	5,398	11	27,654	10	222,119	7	479,019	5	768,395	1	205,438
Second	37	17,114	34	108,936	2	58,935	1	91,014	2	290,363	4	1,202,296
Third	36	16,152	33	141,384	7	158,753	5	340,271	7	942,524	5	1,465,584
Fourth	149	54,576	38	86,675	8	238,926	5	435,696	7	1,003,892	1	266,995
Fifth	12	4,075	17	54,351	3	66,698	6	458,780	7	1,043,245	8	3,791,248
Sixth	1	910	3	8,033	4	110,486	3	180,855	9	1,343,746	11	3,711,186
Seventh	6	3,774	5	19,504	....	.....	2	135,448	....	.....	15	8,240,242
Eighth	3	966	7	27,326	5	103,575	1	56,482	2	314,899	13	5,617,745
Ninth	2	1,526	17	79,615	17	439,175	11	814,761	4	554,023	3	1,426,550
Tenth	12	4,330	20	61,652	12	313,653	3	220,528	4	548,986	9	3,711,682
Eleventh	23	8,764	8	34,520	7	219,211	2	145,038	5	755,822	25	12,505,502
Twelfth	7	3,323	9	30,927	3	83,951	2	166,710	8	1,390,308	16	6,231,290
The State	304	120,908	202	680,577	78	2,015,482	48	3,524,602	60	8,956,203	111	48,375,758

Table 6 shows the number of mines, men and tons in three groups, by districts.

TABLE 6—GROUPING OF MINES, MEN AND TONS INTO THREE CLASSES, BY DISTRICT, ALL MINES.

District.	Less than 50,000 tons.			50,000 and less than 100,000 tons.			100,000 tons and over.		
	Mines.	Men.	Tons.	Mines.	Men.	Tons.	Mines.	Men.	Tons.
First	37	867	255,171	7	1,003	479,019	6	2,030	973,833
Second	73	466	184,985	1	246	91,014	6	2,937	1,492,659
Third	76	588	316,289	5	575	340,271	12	4,012	2,408,108
Fourth	195	970	380,177	5	665	435,696	8	1,676	1,270,887
Fifth	32	249	125,124	6	780	458,780	15	5,087	4,834,493
Sixth	8	621	119,429	3	403	180,855	20	6,537	5,054,932
Seventh	11	64	23,278	2	321	135,448	15	8,006	8,240,242
Eighth	15	295	131,867	1	99	56,482	15	5,795	5,932,644
Ninth	36	1,230	520,316	11	783	814,761	7	2,034	1,980,573
Tenth	44	941	379,635	3	301	220,528	13	4,088	4,260,668
Eleventh	38	772	262,495	2	318	145,038	30	12,578	13,261,324
Twelfth	19	452	118,201	2	125	166,710	24	8,005	7,621,598
The State	584	7,515	2,816,967	48	5,619	3,524,602	171	62,785	57,331,961
Percentage	72.72	9.90	4.42	5.98	7.40	5.54	21.30	82.70	90.04

Table 7 is the percentages of the items shown in Table 6.

TABLE 7—PERCENTAGES OF MINES, MEN AND TONS—MINES PRODUCING—

District.	Less than 50,000 tons.			50,000 tons and less than 100,000.			100,000 tons and over.		
	Mines.	Men.	Tons.	Mines.	Men.	Tons.	Mines.	Men.	Tons.
First	6.34	11.54	9.06	14.58	17.85	13.59	3.51	3.23	1.70
Second	12.50	6.20	6.57	2.08	4.38	2.58	3.51	4.68	2.60
Third	13.01	7.82	11.23	10.42	10.23	9.65	7.02	6.39	4.20
Fourth	33.39	12.91	13.49	10.42	11.83	12.36	4.68	2.67	2.22
Fifth	5.48	3.31	4.44	12.50	13.88	13.01	8.77	8.10	8.43
Sixth	1.37	8.26	4.24	6.25	7.17	5.13	11.70	10.41	8.81
Seventh	1.88	.85	.83	4.17	5.72	3.84	8.77	12.75	14.37
Eighth	2.57	3.93	4.68	2.08	1.76	1.60	8.77	9.23	10.35
Ninth	6.16	16.37	18.47	22.91	13.93	23.11	4.09	3.24	3.46
Tenth	7.54	12.52	13.48	6.25	5.36	6.26	7.60	6.51	7.44
Eleventh	6.51	10.27	9.32	4.17	5.66	4.12	17.54	20.04	23.13
Twelfth	3.25	6.02	4.19	4.17	2.23	4.75	14.04	12.75	13.29
The State	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00

Table 8 classifies the mines into groups according to the tonnage produced and shows the number and percentage of the mines, men and tons in each class.

TABLE 8—CLASSIFICATION OF MINES AS TO TONNAGE WITH PERCENTAGES OF MINES, MEN AND TONS IN EACH CLASS.

Mines producing—	Number of mines.	Number of men.	Tons.	Percentages of—		
				Mines.	Men.	Tons.
Less than 1,000 tons	304	766	120,908	37.86	1.01	.19
1,000 and less than 10,000	202	1,554	680,577	25.16	2.05	1.07
10,000 and less than 50,000	78	5,195	2,015,482	9.71	6.84	3.16
50,000 and less than 100,000	48	5,619	3,524,602	5.98	7.40	5.54
100,000 and less than 200,000	60	12,459	8,956,203	7.47	16.41	14.07
200,000 and over	111	50,326	48,375,758	13.82	66.29	75.97
Total	803	75,919	63,673,530	100.00	100.00	100.00

Table 9 is a grouping of the mines into six classes for a period of 34 years.

TABLE 9—NUMBER OF MINES IN SPECIFIED GROUPS OF TONNAGE FOR A SERIES OF 34 YEARS.

Year.	Number of mines producing—						Total mines.
	Under 1,000 tons.	1,000 and under 10,000 tons.	10,000 and under 50,000 tons.	50,000 and under 100,000 tons.	100,000 and under 200,000 tons.	200,000 tons and over.	
1883	209	233	133	39	10	15	639
1884	262	273	148	38	16	4	741
1885	286	290	143	40	13	6	778
1886	316	280	135	44	11	3	789
1887	320	278	141	42	18	2	801
1888	327	272	151	47	20	5	822
1889	321	316	139	55	20	3	854
1890	398	301	155	54	24	4	936
1891	402	260	161	52	37	6	918
1892	332	239	151	65	46	6	839
1893	282	232	140	75	47	12	788
1894	312	252	161	61	44	6	836
1895	319	276	145	61	45	9	855
1896	330	280	128	63	45	16	862
1897	346	250	120	79	41	17	853
1898	351	244	151	86	42	7	881
1899	346	261	123	77	57	25	889
1900	340	295	123	70	65	27	920
1901	313	308	124	79	58	33	915
1902	314	263	152	76	72	38	915
1903	313	293	120	75	87	45	933
1904	301	275	140	72	98	46	932
1905	321	299	147	83	88	52	990
1906	336	282	167	89	97	47	1,018
1907	260	262	145	91	95	80	933
1908	248	256	146	98	92	82	922
1909	270	239	134	66	90	87	886
1910	261	239	125	87	94	75	881
1911	235	213	138	82	101	76	845
1912	266	228	119	70	91	105	879
1913	239	231	108	66	82	114	840
1914	236	208	90	64	95	103	796
1915	268	224	62	56	[illegible]	104	779
1916	304	202	78	48	60	111	803
Increase in 34 years	95	*31	*55	9	50	96	164

* Decrease.

Table 10 gives the percentages of the items in the preceding table.

TABLE 10—PERCENTAGE OF MINES IN SPECIFIED GROUPING OF TONNAGE FOR A SERIES OF 34 YEARS.

Year.	Total.	Percentage of mines producing—					
		Under 1,000 tons	1,000 and under 10,000 tons.	10,000 and under 50,000 tons.	50,000 and under 100,000 tons.	100,000 and under 200,000 tons.	200,000 tons and over.
1883	639	32.71	36.47	20.81	6.10	1.56	2.35
1884	741	35.36	36.84	19.97	5.13	2.16	.54
1885	778	36.76	37.27	18.38	5.14	2.32	.13
1886	789	40.05	35.49	17.11	5.58	1.39	.38
1887	801	39.95	34.71	17.60	5.24	2.25	.25
1888	822	39.79	33.09	18.37	5.71	2.43	.61
1889	854	37.59	37.00	16.28	6.44	2.34	.35
1890	936	42.52	32.16	16.56	5.77	2.56	.43
1891	918	43.79	28.32	17.54	5.67	4.03	.65
1892	839	39.69	29.44	17.76	7.03	4.89	1.19
1893	788	35.91	29.44	16.24	10.92	5.71	1.78
1894	836	37.08	29.07	19.62	8.25	5.26	.72
1895	855	36.43	33.29	16.65	7.33	5.25	1.05
1896	862	38.90	30.66	14.88	8.35	5.61	1.60
1897	853	40.56	29.31	14.07	9.26	4.81	1.99
1898	881	39.84	27.70	17.14	9.76	4.77	.79
1899	889	38.92	29.36	13.84	8.66	6.41	2.81
1900	920	36.96	32.07	13.37	7.61	7.06	2.93
1901	915	34.21	33.66	13.55	8.63	6.34	3.61
1902	915	34.32	28.74	16.61	8.31	7.87	4.15
1903	933	33.55	31.40	12.86	8.04	9.33	4.82
1904	932	32.30	29.50	15.02	7.73	10.51	4.94
1905	990	32.43	30.20	14.85	8.38	8.89	5.25
1906	1,018	33.01	27.70	16.40	8.74	9.53	4.62
1907	933	27.82	28.08	15.56	9.76	10.20	8.58
1908	922	26.90	27.77	15.84	10.63	9.97	8.82
1909	886	30.47	26.98	15.12	7.45	10.16	9.82
1910	881	29.63	27.12	14.19	9.88	10.68	8.50
1911	845	27.81	25.21	16.33	9.71	11.95	8.99
1912	879	30.27	25.95	13.54	7.77	10.53	11.95
1913	840	28.45	27.50	12.86	7.86	9.76	13.57
1914	796	29.65	26.13	11.31	8.05	11.93	12.93
1915	779	34.40	28.76	7.96	7.18	8.35	13.35
1916	803	37.86	25.16	9.71	5.98	7.47	13.82
Per cent of increase 34 years	25.66	45.45	*13.30	*41.35	23.08	500.00	640.00

* Decrease.

Table 11 is a grouping of mines by tonnage for a series of 25 and shows the increase or decrease of 1916 compared

TABLE 11—GROUPI

Year.	— U 1
	To
1892	14
1893	12,
1894	137
1895	151
1896	141,
1897	150,
1898	161,
1899	137,
1900	154,3

TABLE 11—Concluded.

Year.	Tonnage of mines producing—					
	Under 1,000.	1,000 and under 10,000.	10,000 and under 50,000.	50,000 and under 100,000.	100,000 and under 200,000.	200,000 and over.
	Tons.	*Tons.*	*Tons.*	*Tons.*	*Tons.*	*Tons.*
1901	227,419	838,989	3,393,827	5,795,953	8,008,897	8,370,234
1902	161,058	763,597	3,694,890	5,376,350	9,923,538	10,101,867
1903	126,678	871,342	3,396,343	5,445,195	12,387,437	12,728,405
1904	126,397	934,042	3,602,660	5,200,551	13,763,975	13,480,272
1905	129,430	993,394	3,852,565	5,868,103	12,158,090	14,181,792
1906	127,232	949,073	5,097,972	6,116,018	13,462,256	12,565,030
1907	108,875	827,337	3,907,170	6,600,264	13,376,164	22,978,809
1908	95,427	793,236	3,879,000	7,130,739	13,181,385	24,192,665
1909	106,124	782,850	3,612,391	4,939,139	12,609,581	27,113,625
1910	97,266	932,300	3,305,177	6,353,951	13,911,460	24,117,699
1911	93,573	728,936	3,901,966	6,000,914	14,455,906	24,983,804
1912	111,734	771,906	3,047,090	5,134,560	13,324,090	35,124,860
1913	102,715	780,206	2,802,735	4,886,476	11,792,614	41,481,459
1914	87,916	693,370	2,267,670	4,589,625	13,672,229	39,404,985
1915	105,926	723,289	1,510,332	3,968,610	9,849,766	41,443,771
1916	120,908	680,577	2,015,482	3,524,602	8,956,203	48,375,758
Increase (+); decrease (—); 25 years	—26,869	—377,501	—2,118,777	—768,870	+3,101,112	+46,002,159

Table 12 shows the total output each year, 1892 to 1916, and the per cent produced in each of the six groups.

TABLE 12—PERCENTAGES OF TONS PRODUCED BY SPECIFIED GROUPING OF TONNAGE FOR 25 YEARS.

Year.	Total tons.	Percentage of tons produced by mines producing—					
		Under 1,000.	1,000 and under 10,000.	10,000 and under 50,000.	50,000 and under 100,000.	100,000 and under 200,000.	200,000 and over.
1892	17,862,276	.82	5.92	23.15	24.04	32.78	13.29
1893	19,949,564	.61	3.64	15.70	30.98	31.54	17.53
1894	17,113,576	.80	4.11	23.50	27.71	35.26	8.61
1895	17,735,864	.85	4.88	20.35	24.91	35.79	13.22
1896	19,786,626	.72	4.08	16.51	25.52	33.14	20.03
1897	20,072,758	.75	3.85	15.75	28.37	28.79	22.49
1898	18,599,299	.87	3.72	20.36	34.15	31.71	9.19
1899	23,434,445	.59	3.98	12.28	23.97	31.76	28.02
1900	25,153,929	.61	3.86	12.94	19.92	35.76	26.91
1901	26,635,319	.85	3.15	12.74	21.76	30.07	31.43
1902	30,021,300	.54	2.54	12.31	17.90	33.06	33.65
1903	34,955,400	.36	2.49	9.72	15.58	35.44	36.41
1904	37,077,897	.34	2.52	9.72	14.03	[illegible]	36.30
1905	37,183,374	.35	2.67	10.36	15.78	[illegible]	38.14
1906	38,317,581	.33	2.48	13.31	15.96	[illegible]	32.79
1907	47,798,621	.23	1.73	8.17	13.81	27.98	48.08
1908	49,272,452	.11	1.70	7.87	14.48	26.75	49.10
1909	49,163,710	.22	1.59	7.35	10.05	25.64	55.15
1910	48,717,853	.20	1.91	6.79	13.04	[illegible]	49.50
1911	50,165,099	.19	1.46	7.78	11.96	[illegible]	.80
1912	57,514,240	.20	1.34	5.47	8.76	[illegible]	[illegible].07
1913	61,846,204	.17	1.26	4.53	7.90	19.07	67.07
1914	60,715,795	.15	1.11	3.74	7.56	22.53	64.91
1915	57,601,694	.18	1.26	2.62	6.89	17.10	71.95
1916	63,673,530	.19	1.07	3.16	5.54	14.07	75.97
Percentage of increase (+); decrease (—); 25 years		+256.47	—18.18	—35.68	—51.25	—17.91	+52.96	+193.94

Table 13 is a list of the mines which have produced more than 100,000 tons during the year, and shows the location of the mines, the number of employees, the number of days worked and the average number of tons produced each day.

TABLE 13—MINES FROM WHICH MORE THAN 100,000 TONS OF COAL HAVE BEEN PRODUCED DURING THE YEAR.

Rank.	Company.	Location.	Men.	Days.	Total tons.	Average tons per day.
1	Superior Coal Co., No. 3	Gillespie	655	225	985,482	4,380
2	New Staunton Coal Co., No. 1	Livingston	648	207	961,726	4,646
3	Old Ben Coal Corporation, No. 8	W. Frankfort	664	193	938,868	4,865
4	Bell & Zoller Mining Co , No. 1	Zeigler	705	253	933,012	3,687
5	Superior Coal Co., No. 2	Gillespie	687	212	930,150	4,388
6	Peabody Coal Co., No. 7	Taylorville	645	282	890,932	3,159
7	Superior Coal Co., No. 1	Gillespie	723	206	811,598	3,935
8	Bunsen Coal Co., Vermilion	Westville	858	210	757,533	3,607
9	Donk Bros. Coal & Coke Co., No. 2	Maryville	602	242	753,444	3,113
10	St. Louis & O'Fallon Coal Co., No. 2	East St. Louis	616	200	750,228	3,751
11	Old Ben Coal Corporation, No. 9	W. Frankfort	651	220	743,651	3,380
12	C. & E. I. Coal Property, No. 10	Nokomis	713	189	741,102	3,926
13	Chi., Wilm. & Franklin Coal Co., No. 1	Orient	629	217	722,550	3,330
14	United Coal Corporation, No. 2	Christopher	665	193	708,421	3,671
15	Mt. Olive & Staunton Coal Co., No. 2	Staunton	610	180	696,285	3,868
16	Sesser Coal Co., No. 1	Sesser	662	258	673,570	2,618
17	Christopher Coal Mining Co., No. 1	Christopher	490	255	671,962	2,635
18	Majestic Coal & Coke Co	Duquoin	643	253	665,167	2,625
19	Security Coal Mining Co., No. 1	Duquoin	545	229	652,171	2,848
20	Johnston City Coal Co., No. 1	Johnston City	445	243	627,531	2,558
21	Peabody Coal Co., No. 3	Marion	556	259	605,908	2,535
22	Shoal Creek Coal Co., No. 1	Panama	520	228	602,728	2,644
23	Bunsen Coal Co., No. 4	Westville	759	195	589,455	3,007
24	Consolidated Coal Co., No. 14	Staunton	710	179	576,412	3,220
25	Consolidated Coal Co., No. 7	Staunton	550	171	574,329	3,359
26	Franklin Coal & Coke Co., No. 1	Royalton	550	211	573,584	2,718
27	Wasson Coal Co., No. 1	Wasson	492	259	573,038	2,213
28	United Coal Corporation, No. 1	Christopher	482	214	572,165	2,674
29	Centralia Coal Co., No. 5	Centralia	480	320	560,944	1,753
30	C. & E. I. Coal Property, No. 11	Hillsboro	401	268	540,869	2,018
31	Royal Colliery Co. (C., W. & F.)	Virden	543	223	534,302	2,396
32	Southern Coal, Coke & Mining Co., No. 9	New Baden	544	200	532,775	2,664
33	O'Gara Coal Co., No. 9	Harrisburg	478	188	526,676	2,801
34	Christopher Coal Mining Co., No. 2	Christopher	483	174	521,994	3,000
35	W. P. Rend Coal & Coke Co., No. 2	Herrin	623	191	517,138	2,707
36	Madison Coal Corporation, No. 9	Dewmaine	475	205	506,559	2,471
37	Paradise Coal Co	Duquoin	477	247	500,295	2,025
38	Saline County Coal Co., No. 3	Harrisburg	450	231	498,069	2,156
39	Springfield Coal Mining Co., No. 2	Riverton	506	229	480,544	2,098
40	Big Muddy Coal & Iron Co., No. 7	Herrin	440	273	473,283	1,734
41	Searls Coal Co., No. 2	Johnston City	407	236	458,105	1,941
42	C. & E. I. Coal Property, No. 14	Witt	676	143	454,473	3,178
43	Big Muddy Coal & Iron Co., No. 8	Clifford	530	222	444,936	2,004
44	West Frankfort Coal Co., No. 1	W. Frankfort	359	235	436,282	1,857
45	Peabody Coal Co., No. 6	Sherman	397	225	432,857	1,923
46	Peabody Coal Co., No. 8	Taylorville	415	188	427,202	2,272
47	Benton Coal Co	Benton	575	205	425,934	2,078
48	St. Pa[illegible] Coal Co., No. 1	Granville	787	246	418,186	1,700
49	Madis[illegible] Coal Corporation, No. 8	Dewmaine	340	207	407,451	1,968
50	O'Gara Coal Co., No. 1	Harrisburg	310	229	406,259	1,774
51	Nokomis Coal Co., No. 1	Nokomis	344	169	406,010	2,402
52	Marion County Coal Co	Centralia	399	201	405,814	2,019
53	Chi., Wilm. & Franklin Coal Co., No. 1	Thayer	500	153	403,936	2,640
54	[illegible] Coal Co., No. 2	Cherry	770	255	399,690	1,567
[illegible]	[illegible]o Coal Mining Co., No. 1	Eldorado	308	230	388,604	1,690
56	Li[illegible]ni Coal Co., No. 2	Collinsville	465	151	385,693	2,554
57	Western Coal Mining Co., No. 1	Bush	38[illegible]	260	371,175	1,428
58	Saline County Coal Co., No. 2	Harrisburg	359	209	369,494	1,767
59	Consolidated Coal Co., No. 17	Collinsville	374	143	367,925	2,573
60	Breese Trenton Mining Co., Buxton	Beckemeyer	236	243	352,436	1,450
61	O'Gara Coal Co., No. 11	Harrisburg	277	210	352,050	1,676
62	Chicago & Springfield Coal Co	Springfield	292	255	350,515	1,375
63	Bunsen Coal Co., No. 3	Westville	413	18[illegible]	342,167	1,840
64	Consolidated Coal Co., Lake Creek	Johnston City	340	19[illegible]	341,320	1,750

TABLE 13—Continued.

Rank.	Company.	Location.	Men.	Days.	Total tons.	Average tons per day.
65	Jone & Adams Coal Co	Springfield	510	142	338,654	2,385
66	Madison Coal Corporation, No. 6	Divernon	577	108	337,907	3,129
67	O'Gara Coal Co., No. 10	Harrisburg	290	206	337,672	1,639
68	Big Muddy Coal & Iron Co., No. 9	Murphysboro	279	214	334,918	1,565
69	Springfield Dist. Coal Min. Co., No. 4	Auburn	366	189	329,941	1,746
70	Madison Coal Corporation, No. 2	Glen Carbon	393	172	326,448	1,898
71	Hillsboro Coal Co	Hillsboro	260	245	319,200	1,302
72	Spring Valley Coal Co., No. 2	Springvalley	605	210	310,063	1,477
73	Sunnyside Coal Co., No. 1	Herrin	342	198	309,141	1,576
74	Southern Coal, Coke & Mining Co., No. 8	Belleville	398	140	308,397	2,203
75	Spring Valley Coal Co., No. 1	Springvalley	648	208	291,036	1,399
76	Toluca Coal Co., No. 1	Toluca	707	284	288,543	1,016
77	West End Coal Co	Springfield	250	252	287,005	1,139
78	Consolidated Coal Co., No. 15	Mt. Olive	610	93	280,793	3,019
79	Penwell Coal Co	Pana	298	175	275,216	1,573
80	Springfield Coal Mining Co., No. 5	Springfield	335	187	274,527	1,468
81	Jackson Coal Co	Hallidayboro	320	208	271,720	1,306
82	Peabody Coal Co., No. 21	Stonington	342	158	269,731	1,707
83	Woischlag Co-operative Coal Co	Peoria	185	254	268,703	1,058
84	Montour Coal Co., No. 403	Girard	328	195	267,973	1,371
85	Big Creek Coal Co., No. 2	St. David	294	222	266,995	1,203
86	Breese-Trenton Mining Co	Breese	217	272	260,462	958
87	Brewster-Evans Co	Peoria	243	280	259,536	927
88	West Virginia Coal Co., No. 1	Marion	226	210	258,428	1,231
89	Willis Coal Mining Co., No. 1	Willisville	284	206	257,975	1,252
90	Taylor Mining Co., No. 2	Herrin	290	160	256,221	1,600
91	Producers Coal Co., No. 19	W. Frankfort	396	143	254,826	1,782
92	North Breese Coal Mining Co	Breese	242	217	249,915	1,152
93	W. P. Rend Colliery Co., No. 1	Rend	334	148	247,330	1,671
94	Citizens Coal Mining Co., B	Springfield	251	245	243,541	994
95	Willis Coal Mining Co., No. 6	Percy	243	174	242,224	1,392
96	Smith-Lohr Coal Mining Co	Pana	278	214	239,012	1,117
97	Chicago-Sandoval Coal Co. No. 2	Sandoval	278	213	238,848	1,121
98	Sangamon Coal Co	Springfield	305	218	231,759	1,063
99	Donk Bros. Coal, Coke & Mining Co., No. 1	Collinsville	424	123	230,852	1,877
100	B. F. Berry Coal Co., No. 1	Standard	506	165	230,616	1,398
101	Chicago Big Muddy Coal & Coke Co	Marion	201	210	229,365	1,092
102	Illinois Fuel Co., No. 4	Sparta	183	244	226,268	927
103	Odin Coal Co	Odin	251	241	223,047	926
104	Hafer Washed Coal Co., No. 3	Carterville	301	159	221,526	1,393
105	Saline County Coal Co., No. 6	Harrisburg	232	205	217,606	1,060
106	Mt. Olive Coal Co., No. 5	Mt. Olive	286	158	214,821	1,360
107	Taylor Mining Co	Herrin	219	156	208,824	1,339
108	Illinois Third Vein Coal Co., No. 1	Ladd	542	191	201,477	1,081
109	Chi., Wilm. & Franklin Coal Co., No. 3	So. Wilmington	504	174	205,438	1,201
110	Chicago & Carterville Coal Co., B	Herrin	328	161	203,183	1,262
111	Producers Coal Co., No. 18	W. Frankfort	305	170	203,061	1,194
112	Scranton & Big Muddy Coal Co., No. 1	Marion	198	188	199,770	1,062
113	Montour Coal Co., No. 400	Springfield	209	245	197,308	805
114	Springfield Dist. Coal Mining Co., No. 1	Andrews	268	184	195,492	1,062
115	Williamson County Coal Co	Johnston City	220	213	194,679	914
116	Chicago & Carterville Coal Co., A	Herrin	459	96	187,753	1,956
117	Pond Creek Coal Co	Herrin	170	186	187,154	1,006
118	Big Creek Coal Co., No. 4	Dunfermline	240	203	184,758	910
119	Producers Coal Co., No. 22	Westville	248	203	184,196	907
120	Big Muddy Fuel Co., N. V	Johnston City	247	182	183,493	1,008
121	Southern Coal, Coke & Mining Co., No. 7	Belleville	270	119	183,058	1,538
122	Springfield Coal Mining Co., No. 6	Taylorville	246	153	182,238	1,191
123	Lovington Coal Mining Co., No. 1	Lovington	178	213	180,040	845
124	Wasson Coal Co., No. 2	Carriers Mills	151	277	177,549	641
125	Mathiessen & Hegeler Zinc Co	LaSalle	156	284	175,931	619
126	Springfield Dist. Coal Mining Co., No. 7	Springfield	344	183	174,567	954
127	Clark Coal & Coke Co., No. 2	Peoria	240	191	173,595	909
128	Taylor Mining Co., No. 1	Herrin	193	136	173,548	1,276
129	Donk Bros. Coal, Coke & Min. Co., No. 3	Troy	292	167	172,969	1,036
130	Silver Creek Collieries Co., No. 1	Farmington	263	186	171,168	920
131	Coal Valley Mining Co., No. 3	Matherville	196	239	170,716	714
132	Moffat Coal Co., No. 1	Sparta	196	210	167,825	799
133	Oglesby Coal & Coke Co	Oglesby	382	200	161,177	806
134	Star Coal Co., No. 3	Cuba	191	218	161,006	739
135	Carterville & Herrin Coal Co., Jeffrey	Herrin	151	212	157,995	745
136	LaSalle County Carbon Coal Co., No. 5	Cedar Point	380	164	157,259	959
137	Ritchey Coal Co., No. 1	Pinckneyville	169	242	155,971	645
138	LaSalle County Carbon Coal Co., No. 1	LaSalle	357	195	153,035	785

TABLE 13—Concluded.

Rank.	Company.	Location.	Men.	Days.	Total tons.	Average tons per day.
139	John A. Logan Coal Co., No. 1	Logan	244	148	150,476	1,017
140	Harrisburg Big Muddy Coal Co., No. 12	Harrisburg	224	164	149,098	909
141	O'Gara Coal Co., No. 4	Harrisburg	280	107	146,773	1,372
142	Wenona Coal Co., No. 1	Wenona	322	238	146,260	615
143	Two Rivers Coal Co.	Danville	30	300	143,000	477
144	Kerns & Donnewald Coal Co.	Worden	194	140	141,930	1,014
145	Monmouth Coal Mining Co., No. 1	Brereton	190	165	137,679	834
146	Citizens Coal Mining Co.	Lincoln	166	201	136,479	679
147	Crescent Coal Co., No. 1	Peoria	250	202	136,298	675
148	Maplewood Colliery Co., No. 2	Farmington	172	242	135,259	559
149	Tuxhorn Coal Co.	Springfield	255	146	134,612	922
150	Superior Coal Mining Co.	Belleville	112	176	134,151	762
151	Lincoln Mining Co.	Lincoln	157	176	132,702	754
152	Latham Coal & Mining Co.	Lincoln	301	144	132,279	919
153	Harrisburg Saline Colliery Co., No. 5	Harrisburg	314	126	131,926	1,047
154	Missonfield Coal Co., No. 3	Danville	138	270	131,441	485
155	Kolb Coal Co., No. 2	Mascoutah	149	138	131,117	950
156	Tazewell Coal Co.	Pekin	186	249	130,184	523
157	Athens Coal Co.	Athens	156	204	126,986	622
158	Roanoke Coal Co.	Roanoke	305	228	124,651	547
159	Peabody Coal Co., No. 5	Pawnee	396	81	123,064	1,519
160	LaSalle County Carbon Coal Co., Union	LaSalle	251	200	120,993	605
161	Alden Coal Co., No. 7	Matherville	176	247	119,647	484
162	Spring Creek Coal Co.	Springfield	152	198	117,243	592
163	Manufacturers & Consumers Coal Co.	Decatur	214	220	115,080	523
164	Jones Bros Coal Mining Co., No. 2	Marissa	175	155	114,901	741
165	Alden Coal Co., No. 5	Farmington	188	175	111,210	635
166	Granger Coal Co.	Craig	94	258	110,289	427
167	Carbon Hill Coal Co., No. 1	Danville	25	300	107,250	858
168	St. Louis Carterville Coal Co., Dale	Herrin	137	220	105,916	481
169	Suburban Coal Mining Co.	Belleville	115	158	105,697	669
170	Logan Coal Co.	Hanna City	125	209	104,550	500
171	Simmons Coal Co.	Canton	138	176	102,812	527
	Total		62,785	203	57,331,961	1,654

Table 14 shows, in three groups, the number of mines and tons produced in each, those mines which had an output of 50,000 tons or more, for 21 years.

TABLE 14—MINES PRODUCING 50,000 TONS AND LESS THAN 100,000; 100,000 TONS AND LESS THAN 200,000, AND 200,000 TONS AND MORE, WITH TOTAL MINES AND TONS FOR 21 YEARS.

Year.	Mines producing—						Total.	
	50,000 tons and less than 100,000.		100,000 tons and less than 200,000.		More than 200,000.			
	No. of mines.	Tons.	No. of mines.	Tons.	No. of mines.	Tons.	No. of mines.	Total tons.
1896	63	5,049,694	45	6,557,545	16	3,962,435	124	15,569,674
1897	79	5,693,193	41	5,778,374	17	4,514,507	137	15,986,074
1898	86	6,351,513	42	5,898,596	7	1,709,457	135	13,959,566
1899	77	5,618,924	57	7,443,023	25	6,566,851	159	19,628,798
1900	70	5,009,326	65	8,995,963	27	6,769,328	162	20,774,617
1901	79	5,795,952	58	8,008,897	33	8,370,234	170	22,175,084
1902	76	5,376,350	72	9,923,538	38	10,101,867	186	25,401,755

TABLE 14—Concluded.

Year.	Mines producing—						Total.	
	50,000 tons and less than 100,000.		100,000 tons and less than 200,000.		More than 200,000.			
	No. of mines.	Tons.	No. of mines.	Tons.	No. of mines.	Tons.	No. of mines.	Total tons.
1903	75	5,445,195	87	12,387,437	45	12,728,405	207	30,561,037
1904	72	5,200,551	98	13,763,975	46	13,460,272	216	32,424,798
1905	83	5,868,103	88	12,158,090	52	14,181,792	223	32,207,985
1906	89	6,116,018	97	13,462,256	47	12,565,030	233	32,143,304
1907	91	6,600,264	95	13,376,164	80	22,978,809	266	42,955,237
1908	98	7,130,739	92	13,181,385	82	24,192,665	272	44,504,789
1909	66	4,939,139	90	12,609,581	87	27,113,625	243	44,662,345
1910	87	6,353,951	94	13,911,460	75	24,117,699	256	44,383,110
1911	82	6,000,914	101	14,455,906	76	24,983,804	259	45,440,624
1912	70	5,134,560	91	13,324,090	105	35,124,860	266	53,583,510
1913	66	4,886,476	82	11,792,613	114	41,481,459	262	58,160,548
1914	64	4,589,625	95	13,672,229	103	39,404,985	262	57,666,839
1915	56	3,968,610	65	9,849,766	104	41,443,771	225	55,262,147
1916	48	3,524,602	60	8,956,203	111	48,375,758	219	60,856,563

Table 15 is a classification of the mines by employees and shows the number of mines, the number of employees, average number of days worked, tons mined, average tons per mine, average tons per man, average tons per man per day and the average number of men per mine in each class.

TABLE 15—CLASSIFICATION OF MINES BY EMPLOYEES.

Operators employing—	Number of mines.	Number of employees.	Average number of days worked per mine.	Total tons mined.	Average tons per mine.	Average tons per man.	Average tons per man per day.	Average number of men per mine.
Less than 10 men	455	1,557	143	540,504	1,188	347	2.4	3
10 but less than 50	100	2,280	193	1,657,816	16,578	727	3.8	23
50 but less than 100	39	2,983	176	2,053,455	52,653	688	3.9	76
100 but less than 200	66	10,178	174	6,437,508	97,538	632	3.6	154
200 but less than 300	47	11,777	192	9,825,778	209,059	834	4.3	251
300 but less than 400	35	12,139	181	9,595,463	274,156	790	4.4	347
400 but less than 500	18	8,176	208	8,605,177	479,343	1,052	5.1	454
500 but less than 600	16	8,558	218	7,148,239	446,577	834	3.8	535
600 but less than 700	18	11,539	207	12,274,059	681,892	1,064	5.1	641
700 and over	9	6,732	224	5,535,531	612,837	822	3.7	748

GAIN OR LOSS IN MINES.

Table 16 gives the number of mines in operation at the beginning of the year, the number opened and the number closed during the year, the number in operation at the close of the year and the gain or loss each year from 1890 to 1916, inclusive.

TABLE 16—TOTAL NUMBER OF MINES AT THE BEGINNING OF EACH YEAR, NUMBER OPENED AND CLOSED EACH YEAR, ALSO THE GAIN AND LOSS FOR A SERIES OF 27 YEARS.

Year.	Number of mines.					Gain.	Loss.
	At beginning of year.	Opened or renewed.	Total.	Closed or suspended.	At close of year.		
1890	854	176	1,030	94	936	82	.....
1891	936	92	1,028	110	918	.....	18
1892	918	59	977	138	839	.....	73
1893	839	69	908	120	788	.....	51
1894	788	156	944	108	836	48	.....
1895	836	116	952	78	874	38	.....
1896	874	142	1,016	115	901	27	.....
1897	901	70	971	118	853	.....	48
1898	853	120	973	92	881	28	.....
1899	881	129	1,010	121	889	8	.....
1900	889	147	1,036	116	920	31	.....
1901	920	138	1,058	143	915	.....	5
1902	915	111	1,026	111	915	.....	.....
1903	915	109	1,024	91	933	18	.....
1904	933	109	1,042	110	932	.....	1
1905	932	168	1,100	110	990	58	.....
1906	990	151	1,141	123	1,018	28	.....
1907	1,018	88	1,106	173	933	.....	85
1908	933	97	1,030	108	922	.....	11
1909	922	81	1,003	117	886	.....	36
1910	886	86	972	91	881	.....	5
1911	881	184	1,065	220	845	.....	36
1912	845	176	1,021	142	879	34	.....
1913	879	86	965	125	840	.....	39
1914	840	89	929	133	796	.....	44
1915	796	122	918	139	779	.....	17
1916	779	137	916	113	803	24	.....

Table 17 is for shipping and local mines; the number at the beginning of the year, the number opened and the number closed, the number at the close of the year and the gain or loss is shown by years from 1900 to 1916, inclusive.

TABLE 17—SHIPPING AND LOCAL MINES, NUMBER OPENED AND CLOSED AND THE GAIN OR LOSS, FOR 17 YEARS.

Year.	Number of mines.								Gain.		Loss.	
	At beginning of year.		Opened or renewed.		Closed or suspended.		At close of year.					
	Shipping.	Local.	Shipping.	Local.	Shipping.	Local.	Shipping.	Local.	Shipping.	Local.	Shipping.	Local.
1900	321	568	2	145	.....	116	323	597	2	29	.....	.....
1901	323	597	8	130	.....	143	331	584	8	.....	.....	13
1902	331	584	1	110	.....	111	332	583	1	.....	.....	1
1903	332	583	21	88	.....	91	353	580	21	.....	.....	3
1904	353	580	27	82	.....	110	380	552	27	.....	.....	28
1905	380	552	17	151	.....	110	397	593	17	.....	41	.....
1906	397	593	22	129	.....	123	419	599	22	.....	6	.....
1907	419	599	.....	88	8	165	411	522	.....	.....	8	77
1908	411	522	16	81	20	88	407	515	.....	.....	4	7
1909	407	515	18	63	41	76	384	502	.....	.....	23	13
1910	384	502	27	59	21	70	390	491	6	.....	.....	11
1911	390	491	29	155	32	188	387	458	.....	.....	3	33

TABLE 17—Concluded.

Year.	Number of mines.								Gain.		Loss.	
	At beginning of year.		Opened or renewed.		Closed or suspended.		At close of year.					
	Shipping.	Local.	Shipping.	Local.	Shipping.	Local.	Shipping.	Local.	Shipping.	Local.	Shipping.	Local.
1912	387	458	15	161	22	120	380	499	.....	41	7	.....
1913	380	499	15	71	24	101	371	469	.....	.....	9	30
1914	371	469	10	79	41	92	340	456	.....	.....	31	13
1915	340	456	6	116	63	76	280	499	.....	43	60	.....
1916	280	499	22	115	18	95	284	519	4	20	.....	.....

Table 18. The counties in which shipping mines are operated, the number of mines, men employed, tons produced, 1915 and 1916, with the gain or loss in each, are given in this table.

TABLE 18—SHIPPING MINES, NUMBER OF MINES, MEN AND TONS, BY COUNTIES, WITH THE GAIN OR LOSS FOR THE YEAR 1916.

County.	1915			1916			Gain (+) or less (—).		
	Mines.	Men.	Tons.	Mines.	Men.	Tons.	Mines.	Men.	Tons.
The State	280	72,227	56,172,556	284	72,998	62,283,236	+4	+771	+6,110,680
Bond	1	180	58,482	1	99	56,482	.....	—81	—2,000
Bureau	5	3,188	1,227,927	5	2,811	1,293,310	.....	—377	+65,383
Christian	9	2,556	2,020,675	8	2,433	2,373,362	—1	—123	+352,687
Clinton	4	1,220	1,142,264	4	1,239	1,395,588	.....	+19	+253,324
Franklin	18	7,798	7,324,644	19	8,606	9,070,811	+1	+808	+1,746,167
Fulton	18	2,943	1,925,990	18	2,760	1,901,309	.....	—183	—24,681
Gallatin	2	95	60,863	2	135	50,549	.....	+40	—10,314
Grundy	2	731	329,179	2	728	303,415	.....	—3	—25,764
Jackson	5	661	534,164	6	919	805,647	+1	+258	+271,483
Jefferson	1	33	19,646	.....	.....	.....	—1	—33	—19,646
LaSalle	12	2,523	1,052,508	11	2,193	928,471	—1	—330	—124,037
Livingston	2	93	50,626	2	97	50,363	.....	+4	—263
Logan	3	614	334,167	3	624	401,460	.....	+10	+67,293
Macon	2	434	157,675	2	376	173,530	.....	—58	+15,855
Macoupin	11	5,200	4,842,516	10	5,253	5,251,808	—1	+53	+409,292
Madison	11	3,884	3,386,919	10	3,715	3,717,677	—1	—169	+330,758
Marion	4	1,091	961,037	4	1,046	900,493	.....	—45	—60,544
Marshall	2	1,019	387,412	2	1,029	434,893	.....	+10	+47,361
McLean	1	30	16,068	2	183	83,775	+1	+153	+67,707
Menard	1	49	14,897	1	156	126,986	.....	+107	+112,089
Mercer	3	509	353,434	3	423	336,848	.....	—86	—16,586
Montgomery	8	3,018	2,719,138	7	3,074	3,123,882	—1	+56	+404,744
Moultrie	1	184	174,775	1	178	180,040	.....	—6	+5, 65
Peoria	12	1,364	978,496	11	1,395	1,195,000	—1	+31	+216,504
Perry	10	2,312	2,151,929	11	2,483	2,491,132	+1	+171	+339,203
Putnam	2	1,410	624,713	2	1,293	648,802	.....	—117	+24,089
Randolph	6	1,001	855,595	9	1,234	902,434	+3	+233	+46,839
Saline	14	4,129	3,830,442	17	4,768	4,477,062	+3	+639	+646,620
Sangamon	24	6,825	5,368,096	21	6,622	4,784,315	—3	—203	—583,781
Shelby	2	319	155,032	1	110	76,533	—1	—209	—78,499
Stark	2	21	3,662	.....	.....	.....	—2	—21	—3,662
St. Clair	33	3,751	2,918,119	37	3,844	3,181,775	+4	+93	+263,656
Tazewell	4	450	297,543	4	441	271,853	.....	—9	—25,690
Vermilion	9	2,716	1,929,540	10	2,786	2,473,696	+1	+70	+544,156
Washington	2	511	455,767	3	556	603,088	+1	+45	+147,321
White	1	52	33,964	1	60	27,151	.....	+8	—6,813
Will	2	357	122,840	2	364	124,444	.....	+7	+1,604
Williamson	29	8,543	7,181,985	30	8,502	7,880,259	+1	—41	+698,274
Woodford	2	413	169,797	2	463	185,083	.....	+50	+15,286

Shipping Mines.

Table 19 is a list of the commercial mines, showing the name of the company, the number and location of the mines operated by each, the total output and the disposition of the product.

Table 19—Shipping or commercial collieries—distribution of output.

Number.	Name of operator.	No. of mines.	Location of mines.	Total output—all grades—tons.	Disposition of output—tons.				
					Loaded on cars for shipment.	Supplied to locomotives at mines.	Sold to railroad companies and loaded on cars.	Sold to local trade.	Consumed and wasted at the mine.
	All Shipping Mines	284		62,283,236	44,154,419	618,907	14,447,497	1,165,546	1,896,867
1	Peabody Coal Co.	7		2,786,117	2,735,836	3,203		12,678	34,400
	Peabody Coal Co.	2	Taylorville	1,318,134	1,310,828			3,796	3,510
	Peabody Coal Co.	2	Marion	642,331	629,772				12,559
	Peabody Coal Co.	1	Sherman	432,857	426,783			109	5,965
	Peabody Coal Co.	1	Stonington	269,731	255,204			5,619	8,908
	Peabody Coal Co.	1	Pawnee	123,064	113,249	3,203		3,154	3,458
2	Superior Coal Co.	3	Gillespie	2,727,230			2,672,044	5,390	49,796
3	Consolidated C. C.	5		2,140,779	1,671,789		326,998	1,109	140,883
	Consolidated C. C.	2	Staunton	1,150,741	1,085,648				65,093
	Consolidated C. C.	1	Collinsville	367,925	322,812				45,113
	Consolidated C. C.	1	Johnston City	341,320	9,474		326,998	558	4,290
	Consolidated C. C.	1	Mt. Olive	280,793	253,855			551	26,387
4	O'Gara Coal Co.	7	Harrisburg	1,898,294	1,827,055			18,907	52,332
5	C. & E. I. C. Prop.	3		1,736,444	1,526,080		190,114	1,050	19,200
	C. & E. I. C. Prop.	1	Nokomis	741,102	656,684		84,115	76	227
	C. & E. I. C. Prop.	1	Hillsboro	540,869	423,991		105,999	974	9,905
	C. & E. I. C. Prop.	1	Witt	454,473	445,405				9,068
6	Bunsen Coal Co.	3	Westville	1,689,155	1,195,866		452,379	13,255	27,653
7	Old Ben C. Corp.	2	W. Frankfort	1,682,519	1,383,679		237,118	11,696	50,026
8	Madison C. Corp.	4		1,578,385	637,085	9	887,925	8,425	44,941
	Madison C. Corp.	2	Dewmaine	914,030		9	887,9 5	3,782	22,314
	Madison C. Corp.	1	Divernon	337,907	323,943			3,477	10,487
	Madison C. Corp.	1	Glen Carbon	326,448	313,142			1,166	12,140
9	Chi.-W. & F. C. C.	4		1,415,759	1,067,943		290,781	14,676	42,359
	Chi.-W. & F. C. C.	1	Orient	722,550	608,056		98,513	665	15,316
	Chi.-W. & F. C. C.	1	Thayer	403,936	207,204		180,236	3,608	12,888
	Chi.-W. & F. C. C.	1	S. Wilm'ton	205,438	176,537		12,032	7,685	9,184
	Chi.-W. & F. C. C.	1	Streator	83,835	76,146			2,718	4,971
10	Big Muddy Coal & Iron Co.	4		1,284,279	1,171,553	1,466		6,290	104,970
	Big Muddy Coal & Iron Co.	1	Herrin	473,283	430,380			4,061	38,842
	Big Muddy Coal & Iron Co.	1	Clifford	444,936	387,834	1,466		2,229	53,407
	Big Muddy Coal & Iron Co.	2	Murphysboro	36 ,060	353,339				12,721
11	United C. M. Co.	2	Christopher	1,280,586	1,117,522		118,902	4,691	39,471
12	Christopher C. & M. Co.	2	Christopher	1,193,956	932,180		225,244	3,924	32,608

TABLE 19—Continued.

Number.	Name of operator.	No. of mines.	Location of mines.	Total output—all grades—tons.	Disposition of output—tons.				
					Loaded on cars for shipment.	Supplied to locomotives at mines.	Sold to railroad companies and loaded on cars.	Sold to local trade.	Consumed and wasted at the mine.
13	Donk Bros. Coal & Coke Co	3	.....	1,157,265	1,124,318	760	.....	6,726	25,461
	Donk Bros. Coal & Coke Co	1	Maryville	753,444	737,515	730	.....	1,728	13,471
	Donk Bros. Coal & Coke Co	1	Collinsville	230,852	224,420	30	.....	162	6,240
	Donk Bros. Coal & Coke Co	1	Troy	172,969	162,383	.....	.....	4,836	5,750
14	Saline C. C. Co	3	Harrisburg	1,085,169	1,058,301	.....	.....	6,399	20,469
15	So. C. C. & M. C.	4	.....	1,029,558	885,799	1,215	98,143	9,933	34,468
	So. C. C. & M. C.	1	New Baden	532,775	507,451	61	78	4,892	20,293
	So. C. C. & M. C.	3	Belleville	496,783	378,348	1,154	98,065	5,041	14,175
16	N. Staunton C. C.	1	Livingston	961,726	951,673	.....	.....	2,964	7,089
17	Bell & Zoller M. C.	1	Zeigler	933,012	862,508	658	31,782	1,752	36,312
18	Spfld. C. M. Co	3	.....	937,309	697,230	12,830	166,485	34,615	26,149
	Spfld. C. M. Co	1	Riverton	480,544	443,638	.....	22,100	4,942	9,864
	Spfld. C. M. Co	1	Springfield	274,527	191,487	.....	73,034	2,565	7,441
	Spfld. C. M. Co	1	Taylorville	182,238	62,105	12,830	71,351	27,108	8,844
19	St. Paul Coal Co	2	.....	817,876	.....	3,650	774,585	9,264	30,377
	St. Paul Coal Co	1	Granville	418,186	.....	3,650	398,068	4,439	12,029
	St. Paul Coal Co	1	Cherry	399,690	.....	.....	376,517	4,825	18,348
20	W. P. Rend C. Co.	2	.....	764,468	568,567	.....	155,780	2,497	37,624
	W. P. Rend C. Co.	1	Herrin	517,138	411,845	.....	81,780	1,158	22,355
	W. P. Rend C. Co.	1	Rend	247,330	156,722	.....	74,000	1,339	15,269
21	Wasson Coal Co	2	.....	750,587	744,741	.....	.....	396	5,450
	Wasson Coal Co	1	Wasson	573,038	567,228	.....	.....	360	5,450
	Wasson Coal Co	1	Carriers Mills	177,549	177,513	.....	.....	36	.....
22	St. L. & O'Fallon Coal Co	1	E. St. Louis	750,228	725,082	8,184	.....	.....	16,962
23	Spfld. Dist. Coal Mining Co	4	.....	738,493	595,912	67,209	20,021	39,075	16,276
	Spfld. Dist. Coal Mining Co	1	Auburn	329,941	245,407	67,209	1,150	5,584	10,591
	Spfld. Dist. Coal Mining Co	2	Springfield	213,060	164,000	.....	16,801	30,000	2,259
	Spfld. Dist. Coal Mining Co	1	Andrew	195,492	186,505	.....	2,070	3,491	3,426
24	Mt. Olive & Staunton Coal Co	1	Staunton	696,285	683,945	.....	.....	1,742	10,598
25	Spring Val. C. Co.	3	.....	692,143	67,919	10,494	577,775	11,920	24,035
	Spring Val. C. Co.	2	Springvalley	601,129	67,919	10,494	493,362	10,990	18,364
	Spring Val. C. Co.	1	Dalzell	91,014	.....	.....	84,413	930	5,671
26	Sesser Coal Co	1	Sesser	673,570	510,484	.....	145,000	.....	18,086
27	Majestic C. & C. C.	1	Duquoin	665,167	431,934	.....	233,233	.....	.....
28	Security C. M. Co.	1	Duquoin	652,171	645,312	.....	.....	611	6,248
29	Producers C. Co	3	.....	642,083	621,616	.....	.....	807	19,660
	Producers C. Co	2	W. Frankfort	457,887	441,676	.....	.....	761	15,450
	Producers C. Co	1	Westville	184,196	179,940	.....	.....	46	4,210
30	Taylor Min. Co	3	Herrin	638,593	384,868	.....	229,774	1,525	22,426
31	Johnston C. C. Co.	1	Johnston City	627,531	395,946	.....	225,085	.....	6,500

TABLE 19—Continued.

Number.	Name of operator.	No. of mines.	Location of mines.	Total output—all grades—tons.	Disposition of output—tons. Loaded on cars for shipment.	Supplied to locomotives at mines.	Sold to railroad companies and loaded on cars.	Sold to local trade.	Consumed and wasted at the mine.
32	Breese-Trenton Mining Co.	2	.....	612,898	266,194	62,289	253,244	11,477	19,694
	Breese-Trenton Mining Co.	1	Beckemeyer	352,436	166,173	.....	166,105	3,684	16,474
	Breese-Trenton Mining Co.	1	Breese	260,462	100,021	62,289	87,139	7,793	3,220
33	Franklin C. & C. Co.	2	Royalton	606,770	418,611	.....	159,497	3,394	25,268
34	Shoal Creek C. Co.	1	Panama	602,728	242,160	.....	322,468	2,823	35,277
35	Centralia Coal Co.	1	Centralia	560,944	180,558	.....	361,924	18,462	.....
36	Royal Col. Co.	1	Virden	534,302	251,153	.....	240,342	6,330	36,477
37	Paradise Coal Co.	1	Duquoin	500,295	406,057	35,584	45,535	4,619	8,500
38	Willis C. & M. Co.	2	.....	500,199	29,417	.....	452,941	1,571	16,270
	Willis C. & M. Co.	1	Willisville	257,975	10,338	.....	235,493	1,239	10,905
	Willis C. & M. Co.	1	Percy	242,224	19,079	.....	217,448	332	5,365
39	Big Creek C. Co.	3	.....	496,921	475,391	1,409	.....	1,052	19,069
	Big Creek C. Co.	1	St. David	266,995	256,409	540	.....	.....	10,046
	Big Creek C. Co.	1	Dunfermline	184,758	176,071	.....	.....	739	7,948
	Big Creek C. Co.	1	Cuba	45,168	42,911	869	.....	313	1,075
40	LaSalle Co. C. C. Co.	4	.....	483,501	227,728	21,970	145,986	65,391	22,426
	LaSalle Co. C. C. Co.	3	LaSalle	326,242	190,784	21,970	40,475	62,786	10,227
	LaSalle Co. C. C. Co.	1	Cedar Point	157,259	36,944	.....	105,511	2,605	12,199
41	Montour Coal Co.	2	.....	465,281	249,083	.....	188,958	15,336	11,904
	Montour Coal Co.	1	Girard	267,973	107,909	.....	145,157	8,877	6,030
	Montour Coal Co.	1	Springfield	197,308	141,174	.....	43,801	6,459	5,874
42	Searls Coal Co.	1	Johnston City	458,105	399,972	.....	50,000	2,238	5,895
43	West Frankfort C. Co.	1	W. Frankfort	436,282	402,832	.....	18,898	5,552	9,000
44	Benton Coal Co.	1	Benton	425,934	413,629	.....	.....	12,305	.....
45	Nokomis Coal Co.	1	Nokomis	406,010	317,589	.....	76,334	2,186	9,901
46	Marion Co. C. Co.	1	Centralia	405,814	306,010	.....	90,560	300	9,004
47	Chicago & Carterville Coal Co.	2	Herrin	390,936	292,490	.....	68,131	3,331	26,984
48	Alden Coal Co.	4	.....	389,528	182,848	.....	199,541	2,225	4,914
	Alden Coal Co.	2	Farmington	198,278	73,167	.....	121,487	664	2,960
	Alden Coal Co.	1	Matherville	119,647	73,184	.....	45,526	.....	937
	Alden Coal Co.	1	Norris	71,603	36,497	.....	32,528	1,561	1,017
49	Eldorado C. & M. Co.	1	Eldorado	388,604	244,892	.....	136,578	.....	7,134
50	Lumaghi C. Co.	1	Collinsville	385,693	317,785	.....	62,779	.....	5,129
51	Western Coal Co.	1	Bush	371,175	13,268	.....	338,734	1,384	17,789
52	Chicago & Springfield Coal Co.	1	Springfield	350,515	229,567	.....	115,239	1,240	4,469
53	Jones & Adams C. Co.	1	Springfield	338,654	181,447	1,000	148,326	.....	7,881
54	Hillsboro C. Co.	1	Hillsboro	319,200	298,812	.....	.....	12,190	8,198
55	Star Coal Co.	4	.....	313,932	165,902	.....	136,107	6,296	5,627
	Star Coal Co.	2	Cuba	203,742	79,467	.....	121,502	.....	2,773
	Star Coal Co.	1	Freeburg	80,335	72,915	.....	.....	5,640	1,780
	Star Coal Co.	1	Fiatt	29,855	13,520	.....	14,605	656	1,074

TABLE 19—Continued.

Number.	Name of operator.	No. of mines.	Location of mines.	Total output—all grades—tons.	Disposition of output—tons.				
					Loaded on cars for shipment.	Supplied to locomotives at mines.	Sold to railroad companies and loaded on cars.	Sold to local trade.	Consumed and wasted at the mine.
56	Sunnyside C. Co..	1	Herrin.....	309,141	266,956	.....	.....	1,804	40,381
57	Toluca Coal Co...	1	Toluca.....	288,543	21,149	64,410	182,056	7,859	13,069
58	West End C. Co..	1	Springfield...	287,005	210,284	.....	51,217	20,312	5,192
59	Penwell Coal Co..	1	Pana.....	275,216	224,186	25,826	.....	14,444	10,760
60	Jackson Coal Co..	1	Murphysboro	271,720	148,567	43,689	42,894	4,830	31,740
61	Chicago & Sandoval Coal Co.....	2	Sandoval.....	271,632	170,113	.....	89,338	5,506	6,675
62	Wolschlag Co-operative C. Co...	1	Peoria.....	268,703	100,039	.....	168,664	.....	.....
63	Brewster-Evans Co.....	1	Peoria.....	259,536	259,536	.....	.....	.....	.....
64	W. Virginia C. Co.	1	Marion.....	258,428	254,427	.....	.....	1,000	3,001
65	North Breese Mining Co.....	1	Breese.....	249,915	242,010	.....	.....	.....	7,905
66	Citizens C. M. Co.	1	Springfield...	243,541	171,433	.....	58,851	11,842	1,415
67	Smith-Lohr C. M. Co.....	1	Pana.....	239,012	201,753	.....	.....	7,423	29,836
68	Sangamon C. Co..	1	Springfield...	231,759	177,711	.....	45,826	3,296	4,926
69	B. F. Berry C. Co.	1	Standard.....	230,616	26,387	.....	184,919	8,918	10,392
70	Chi. B. M. C. & C. Co.....	1	Marion.....	229,365	189,290	.....	34,018	49	6,008
71	Illinois Fuel Co..	1	Sparta.....	226,208	223,138	.....	.....	.....	3,130
72	Odin Coal Co.....	1	Odin.....	223,047	208,908	.....	.....	3, 84	10,855
73	Hater Washed C. Co.....	1	Carterville...	221,526	200,357	.....	.....	465	20,704
74	Missionfield C. Co.	2	Danville.....	220,435	86,085	.....	133,000	500	850
75	Kolb Coal Co.....	2	.....	217,956	168,326	43,428	.....	.....	6,208
	Kolb Coal Co.....	1	Mascoutah...	131,117	127,826	.....	.....	.....	3,291
	Kolb Coal Co.....	1	New Athens.	86,839	40,494	43,428	.....	.....	2,917
76	Coal Valley M. Co.	2	.....	217,201	83,753	466	118,128	2,036	12,818
	Coal Valley M. Co.	1	Matherville..	170,716	72,125	.....	91,451	.....	7,140
	Coal Valley M. Co.	1	Sherrard.....	46,485	11,628	466	26,677	2,036	5,678
77	Mt. Olive C. Co..	1	Mt. Olive....	214,821	101,679	11,768	93,324	6	8,044
78	Ill. Third View C. Co.....	1	Ladd.....	201,477	20,333	22,800	134,342	9,618	14,384
79	Scranton B. M. C. & M. Co.....	1	Marion.....	199,770	48,645	.....	145,940	3,000	2,185
80	Harrisburg B. M. C. Co.....	2	Harrisburg...	196,008	187,942	.....	.....	1,384	6,682
81	Williamson Co. C. Co.....	1	Johnston City	194,679	186,561	.....	5,000	.....	3,118
82	Pond Creek C. Co.	1	Herrin.....	187,154	165,318	.....	11,738	200	9,898
83	Maplewood Col. Co.....	2	Farmington..	184,074	92,786	.....	80,703	660	9,925
84	B. M. Fuel Co....	1	Johnston City	183,493	160,457	.....	15,740	1,200	6,096
85	Lovington C. & M. Co	1	Lovington...	180,040	80,356	.....	86,930	4,900	7,854
86	Clark C. & C. Co.	1	Peoria.....	173,595	167,595	.....	.....	.....	6,000
87	Silver Creek Col. Co.....	1	Farmington..	171,168	100,986	.....	66,582	.....	3,600
88	Moffat Coal Co...	1	Sparta.....	167,825	130,428	.....	34,190	.....	3,207
89	Oglesby Coal Co..	1	Oglesby.....	161,177	31,192	977	111,933	6,983	10,092
90	Car'ville & Herrin Coal Co.....	1	Herrin.....	157,995	122,354	.....	29,332	603	5,706
91	Ritchey Coal Co..	1	Pinckneyville	155,971	.....	27,273	123,980	2,503	2,215
92	Jones Bros. C. M. Co.....	2	Marissa.....	153,598	143,133	.....	.....	7,465	3,000
93	J. A. Logan C. Co.	1	Logan.....	150,476	140,866	.....	4,211	1,349	4,050
94	Wenona C. Co....	1	Wenona.....	146,260	127,691	.....	.....	9,042	9,527
95	Two Rivers C. Co.	1	Danville.....	143,000	70,000	.....	73,000	.....	.....
96	Kerns & Donnewald Coal Co...	1	Worden.....	141,930	136,607	.....	.....	2,882	2,441
97	Monmouth C. M. Co.....	1	Brereton.....	137,679	131,720	.....	.....	.....	5,959
98	Citizens C. M. Co.	1	Lincoln.....	136,479	77,761	28,594	.....	23,254	6,870

TABLE 19—Continued.

Number.	Name of operator.	No. of mines.	Location of mines.	Total output—all grades—tons.	Disposition of output—tons. Loaded on cars for shipment.	Supplied to locomotives at mines.	Sold to railroad companies and loaded on cars.	Sold to local trade.	Consumed and wasted at the mine.
99	Crescent Coal Co..	1	Peoria.....	136,298	120,788	.....	15,510	.....	.....
100	Tuxhorn C. Co...	1	Springfield...	134,612	73,726	.....	56,640	635	3,611
101	SuperiorC. M. Co.	1	Belleville.....	134,151	131,961	.....	.....	.....	2,190
102	Lincoln M. Co....	1	Lincoln.....	132,702	95,454	.....	9,406	22,191	5,651
103	Latham C. M. Co.	1	Lincoln.....	132,279	89,798	.....	23,545	13,839	5,097
104	Harrisburg-Saline Col. Co.....	1	Harrisburg...	131,926	127,997	.....	.....	27	3,902
105	Tazewell C. Co...	1	Pekin.....	130,184	95,941	.....	27,369	3,775	3,099
106	Athens Coal Co...	1	Athens.....	126,986	100,581	.....	20,000	3,938	2,467
107	Roanoke Coal Co..	1	Roanoke.....	124,651	39,353	7,648	64,751	6,608	6,291
108	Illinois Zinc Co...	2	Peru.....	120,549	113,886	.....	.....	1,933	4,730
109	Spring Creek Coal Co.....	1	Springfield...	117,243	113,890	.....	.....	447	2,906
110	Manufacturers & Consumers C. C.	1	Decatur.....	115,080	37,118	.....	.....	74,081	3,881
111	Granger Coal Co.	1	Craig.....	110,289	99,337	.....	912	3,653	6,387
112	Carbon Hill C. Co.	1	Danville.....	107,250	37,250	.....	70,000	.....	.....
113	St. Louis & Carterville Coal Co.	1	Herrin.....	105,916	66,338	.....	32,469	3,459	3,650
114	Suburban C. & M. Co.....	1	Belleville.....	105,697	99,860	.....	.....	3,741	2,096
115	Logan Coal Co...	1	Hanna City..	104,550	101,550	.....	.....	.....	3,000
116	Simmons C. Co...	1	Canton.....	102,812	68,938	.....	31,410	.....	2,464
117	Groveland M. Co.	1	Peoria.....	98,580	98,580	.....	.....	.....	.....
118	Star Wilm. M. Co.	1	Coal City.....	97,977	69,919	.....	10,531	7,883	9,644
119	National C. M. Co.	1	Farmington..	97,104	46,440	.....	46,444	193	4,027
120	Eagle M. Co.....	1	Canton.....	94,833	53,649	11,497	22,969	5,629	1,089
121	New Enterprise Coal Co.....	1	Marion.....	94,122	68,554	.....	25,529	.....	39
122	Victoria Coal Co..	1	Belleville....	91,017	88,137	.....	.....	1,400	1,480
123	Danville Col. Co.	1	Catlin.....	86,000	84,200	.....	.....	.....	1,800
124	Spoon River Coal Co.....	1	London Mills	85,088	63,343	17,702	.....	1,375	2,668
125	Mulberry Hill C. Co.....	1	Freeburg.....	83,000	78,800	.....	.....	3,000	1,200
126	Columbia C. Co...	1	Belleville.....	80,381	79,056	.....	.....	45	1,280
127	International C. M. Co.....	1	O'Fallon.....	80,353	77,791	.....	.....	762	1,800
128	Eldnar Coal Co...	1	Belleville.....	79,122	73,274	86	3,962	.....	1,800
129	Assumption C. M. Co.....	1	Assumption..	77,994	61,268	.....	.....	8,074	8,652
130	Murphy, Linskey & Kasher C. Co.	2	.....	76,844	53,086	.....	.....	19,594	4,164
	Murphy, Linskey & Kasher C. Co.	1	Braidwood...	52,742	44,451	.....	.....	5,896	2,395
	Murphy, Linskey & Kasher C. Co.	1	Pontiac.....	24,102	8,635	.....	.....	13,698	1,769
131	Moweaqua C. M. & Mfg. Co.....	1	Moweaqua...	76,533	63,615	.....	.....	9,983	2,935
132	Gartside C. Co...	1	Murphysboro.	75,985	50,537	.....	.....	18,878	6,570
133	Carlinville C. Co..	1	Carlinville....	75,948	33,091	1,973	22,383	14,901	3,600
134	St. Louis & Coulterville C. Co...	1	Coulterville..	74,261	74,253	.....	.....	.....	8
135	Watson Coal Co..	1	Herrin.....	72,588	70,000	.....	.....	588	2,000
136	Wilmington C. M. & Mfg. Co.....	1	Torino.....	71,702	63,090	.....	.....	5,012	3,600
137	Gus Blair B. M. C. Co.....	1	Murphysboro.	70,282	55,181	.....	.....	11,501	3,600
138	McLeanCo. C. Co.	1	Bloomington.	68,300	630	.....	20,000	40,488	7,182
139	Warsaw Coal Co.	1	Edwards.....	64,818	43,048	.....	20,316	.....	1,454
140	Northern C. Co...	1	Millstadt.....	62,970	60,939	2,031	.....	.....	.....
141	Minonk Coal Co..	1	Minonk.....	60,432	48,622	.....	.....	8,560	3,250
142	Clover Leaf C. M. Co.....	1	Coffeen.....	59,500	25,500	.....	30,275	950	2,775
143	Decatur C. Co....	1	Decatur.....	58,450	552	.....	.....	54,778	3,120
144	Newsam Bros....	1	Glasford.....	58,237	48,125	.....	6,667	2,232	1,213

TABLE 19—Continued.

Number	Name of operator.	No. of mines.	Location of mines.	Total output—all grades—tons.	Disposition of output—tons.				
					Loaded on cars for shipment.	Supplied to locomotives at mines.	Sold to railroad companies and loaded on cars.	Sold to local trade.	Consumed and wasted at the mine.
145	Collier Co-operative Coal Co....	1	Bartonville...	58,204	57,204	.....	.....	.....	1,000
146	Tilden Coal Co...	2	Tilden.....	57,436	52,851	.....	.....	1,910	2,675
147	Pocahontas M. C.	1	Pocahontas..	56,482	48,546	.....	.....	2,826	5,110
148	Golden Rule Coal Co.....	1	Lenzburg....	54,575	47,527	.....	2,669	2,934	1,445
149	New Nat'l C. M. Co.....	1	Belleville....	53,263	34,183	.....	.....	18,000	1,080
150	Middle Fork M. Co.....	1	Benton.....	51,115	48,115	.....	.....	2,000	1,000
151	Auburn & Alton Coal Co.....	1	Auburn.....	50,440	8,488	.....	34,150	5,705	2,097
152	Westside C. Co...	1	Coulterville..	45,073	38,723	.....	.....	4,250	2,100
153	Sharon Coal Co...	1	Georgetown..	43,660	30,412	.....	.....	12,590	658
154	Abent Coal Co...	1	Belleville....	43,462	30,996	.....	.....	9,019	3,447
155	Prairie Coal Co...	1	Belleville....	40,397	38,111	181	1,804	.....	301
156	Acme Coal Co....	1	Streator.....	39,053	29,919	.....	.....	6,420	2,714
157	Springfield Co-operative C. Co...	1	Springfield...	38,910	17,120	.....	11,880	6,800	3,110
158	Egyptian C. M. C.	1	Marissa.....	36,428	35,388	.....	.....	.....	1,040
159	Wilson Coal Co...	1	Cutler.....	35,710	26,730	6,328	.....	1,444	1,208
160	Randolph County Coal Co.....	1	Coulterville..	35,619	20,635	.....	12,794	1,179	1,011
161	Nicholson Bros. Coal Co.....	1	Nashville....	34,692	1,829	18,443	.....	13,619	801
162	H. E. Miller.....	1	Caseyville....	32,858	31,410	.....	.....	.....	1,448
163	Cambria C. Co...	1	Johnston City	32,120	20,166	.....	10,612	544	798
164	Dozow Valley Coal Co.....	1	Marissa.....	32,060	29,500	.....	.....	1,240	1,320
165	Pittsburg C. Co..	1	Belleville....	31,773	14,640	.....	.....	15,273	1,860
166	German C. Co....	1	Mapleton....	29,408	27,153	.....	.....	1,050	1,205
167	New Freeburg Coal Co.....	1	Belleville....	28,640	27,080	.....	.....	875	685
168	Coal Creek M. Co.	1	Fairview.....	28,152	28,152	.....	.....	.....	.....
169	White Co. M. & Power Co.....	1	Norris City...	27,151	9,740	5,713	1,824	7,363	2,511
170	Durham C. Co...	1	Galatia.....	26,474	11,781	7,807	703	4,550	1,633
171	Fairbury C. Co...	1	Fairbury.....	26,261	5,136	18,558	.....	2,311	256
172	Hakes-Lyon Coal Co.....	1	Rutland.....	25,856	18,123	.....	.....	3,248	4,485
173	Gallatin C. & C. Co.....	1	Equality.....	25,549	14,820	.....	8,500	1,629	600
174	Hickory Hill Coal Co.....	1	Junction.....	25,000	23,300	.....	.....	200	1,500
175	City Coal Co.....	1	Edwardsville.	24,653	1,850	6,963	.....	14,075	1,765
176	Highland C. Co..	1	Belleville....	23,972	6,055	1,015	.....	13,018	3,884
177	Edwardsville H. Trade C. Co....	1	Edwardsville.	23,677	15,372	.....	.....	7,405	900
178	Oakdale C. M. Co.	1	Belleville....	23,421	21,201	.....	.....	1,220	1,000
179	L. Erie C. M. Co..	1	East Peoria..	22,744	3,949	.....	.....	18,295	500
180	DeSoto-Peacock Coal Co.....	1	DeSoto.....	21,600	18,340	.....	.....	2,200	1,060
181	Lancaster Ldg. Coal & Tr. Co...	1	Kingston M's.	21,153	17,386	.....	.....	500	3,267
182	Mapleton Coal Co.	1	Mapleton....	20,498	19,000	.....	.....	600	898
183	Ubben Coal Co...	1	Pekin.....	20,345	8,000	.....	.....	11,259	1,086
184	Fisher Fuel Co...	1	O'Fallon.....	19,026	18,273	78	.....	20	655
185	Groom Coal Co...	1	Belleville....	18,737	14,211	3,956	.....	150	420
186	Peoples Coal Co..	1	Lebanon.....	18,000	9,000	.....	.....	7,000	2,000
187	Colfax Co-operative Coal Co....	1	Colfax.....	15,475	640	7,756	.....	4,384	2,695
188	Cartersville B. M. Coal Co.....	1	Cambria.....	15,408	13,248	.....	.....	.....	2,160
189	G. & J. Coal Co..	1	Seneca.....	14,500	8,813	.....	3,187	1,800	700
190	Soper Coal Co....	1	Cutler.....	14,132	11,800	.....	1,200	500	632
191	White Coal Co...	1	Belleville....	14,076	13,650	.....	.....	.....	426
192	Fullerton Coal Co.	1	..do.....	13,494	12,919	.....	.....	304	271
193	Collier Coal Co...	1	Tamaroa.....	13,342	9,279	.....	.....	3,800	263

TABLE 19—Concluded.

Number.	Name of operator.	No. of mines.	Location of mines.	Total output—all grades—tons.	Disposition of output—tons.				
					Loaded on cars for shipment.	Supplied to locomotives at mines.	Sold to railroad companies and loaded on cars.	Sold to local trade.	Consumed and wasted at the mine.
194	Wilson Bros. Coal Co.	1	Sparta	13,088	10,842	.....	.....	994	1,252
195	Reeb Coal Co.	1	Belleville	12,105	7,038	.....	.....	5,067	.....
196	Bailey Coal Co.	1	Sunfield	11,819	10,230	.....	.....	1,089	500
197	Greenwood C. Co.	1	Edinburg	11,037	1,779	.....	.....	8,458	800
198	J. S. McNeil C. Co.	1	Carterville	8,000	7,000	.....	.....	1,000	.....
199	Kuhn Col. Co.	1	Dubois	7,452	6,552	.....	.....	400	500
200	Summit C. & M. Co.	1	Belleville	6,486	6,261	11	.....	43	171
201	Missouri & Illinois Coal Co.	1	Rentchler	6,383	5,583	.....	.....	50	750
202	International C. C. & M. Co.	1	O'Fallon	4,004	3,609	.....	.....	.....	395
203	Williamson & Denny	1	Barclay	3,000	2,765	.....	.....	145	90

LOCATION OF SHIPPING MINES.

Table 20 gives the location of the shipping mines, the number of men employed and the tonnage produced at each place.

TABLE 20—LOCATION OF SHIPPING MINES, SHOWING COUNTY AND DISTRICT, ALSO NUMBER OF MINES, MEN AND TONS.

No.	Location of mine.	County.	Number of—			
			District.	Mines.	Men.	Tons.
1	Andrew	Sangamon	6	1	268	195,492
2	Assumption	Christian	5	1	192	77,994
3	Athens	Menard	3	1	156	126,986
4	Auburn	Sangamon	6	2	531	380,381
5	Barclay	Sangamon	6	1	58	3,000
6	Bartonville	Peoria	3	1	40	58,204
7	Beckemeyer	Clinton	8	1	236	352,436
8	Belleville	St. Clair	9	20	1,786	1,298,032
9	Benton	Franklin	11	2	692	477,049
10	Bloomington	McLean	6	1	154	68,300
11	Braidwood	Livingston	1	1	154	52,742
12	Breese	Clinton	8	2	459	510,377
13	Brereton	Fulton	4	1	190	137,679
14	Bush	Williamson	12	1	386	371,175
15	Cambria	Williamson	12	1	122	15,408
16	Canton	Fulton	4	2	276	197,645
17	Carlinville	Macoupin	7	1	161	75,948
18	Carriers Mills	Saline	11	1	151	177,549
19	Carterville	Williamson	12	2	309	229,526
20	Caseyville	St. Clair	9	1	49	32,858
21	Catlin	Vermilion	5	1	106	86,000
22	Cedar Point	LaSalle	1	1	380	157,259
23	Centralia	Marion	8	2	879	966,758
24	Cherry	Bureau	2	1	770	399,690
25	Christopher	Franklin	11	4	2,120	2,474,542
26	Clifford	Williamson	12	1	530	444,936
27	Coal City	Grundy	1	1	224	97,977
28	Colfeen	Montgomery	7	1	160	59,500
29	Colfax	McLean	6	1	29	15,475
30	Collinsville	Madison	8	3	1,263	984,470

TABLE 20—Continued.

No.	Location of mine.	County.	Number of—			
			District.	Mines.	Men.	Tons.
31	Coulterville	Perry	10	3	302	154,953
32	Craig	Perry	10	1	94	110,289
33	Cuba	Fulton	4	3	437	248,910
34	Cutler	Perry	10	2	66	49,842
35	Dalzel	Bureau	2	1	246	91,014
36	Danville	Vermilion	5	4	340	470,685
37	Decatur	Macon	5	2	376	173,530
38	DeSoto	Jackson	10	1	29	21,600
39	Dewmaine	Williamson	12	2	815	914,030
40	Divernon	Sangamon	6	1	577	337,907
41	Dubois	Randolph	10	1	29	7,452
42	Dunfermline	Fulton	4	1	240	184,758
43	Duquoin	Perry	10	3	1,665	1,817,633
44	Edinburg	Christian	5	1	17	11,037
45	Edwards	Peoria	3	1	92	64,818
46	Edwardsville	Madison	8	2	87	48,330
47	Eldorado	Saline	11	1	308	388,604
48	East Peoria	Tazewell	3	1	29	22,744
49	East St. Louis	St. Clair	9	1	616	750,228
50	Equality	Gallatin	11	1	63	25,549
51	Fairbury	Livingston	1	1	45	26,261
52	Fairview	Fulton	4	1	30	28,152
53	Farmington	Fulton	4	6	1,012	650,624
54	Fiatt	Fulton	4	1	38	29,855
55	Freeburg	St. Clair	9	2	153	163,335
56	Galatia	Saline	11	1	51	26,474
57	Georgetown	Vermilion	5	1	62	43,660
58	Girard	Macoupin	7	1	328	267,973
59	Gillespie	Macoupin	7	3	2,065	2,727,250
60	Glasford	Peoria	3	1	95	58,237
61	Glen Carbon	Madison	8	1	393	326,448
62	Granville	Putnam	3	1	787	418,186
63	Hanna City	Peoria	3	1	125	104,550
64	Hallidayboro	Jackson	10	1	320	271,720
65	Harrisburg	Saline	11	13	3,766	3,311,397
66	Herrin	Williamson	12	12	3,442	2,852,744
67	Hillsboro	Montgomery	7	2	661	860,069
68	Johnston City	Williamson	12	6	1,713	1,837,248
69	Junction	Gallatin	11	1	72	25,000
70	Kingston Mines	Peoria	3	1	54	21,153
71	Ladd	Bureau	2	1	542	201,477
72	LaSalle	LaSalle	1	3	793	326,242
73	Lebanon	St. Clair	9	1	29	18,000
74	Lenzburg	St. Clair	9	1	65	54,575
75	Lincoln	Logan	6	3	624	401,460
76	Livingston	Madison	8	1	648	961,726
77	Logan	Franklin	11	1	244	150,476
78	London Mills	Fulton	4	1	110	85,088
79	Lovington	Moultrie	5	1	178	180,040
80	Mapleton	Peoria	3	2	68	49,906
81	Marion	Williamson	12	6	1,404	1,424,016
82	Marissa	St. Clair	9	4	369	222,086
83	Maryville	Madison	8	1	602	753,444
84	Mascoutah	St. Clair	9	1	149	131,117
85	Matherville	Mercer	2	2	372	290,363
86	Millstadt	St. Clair	9	1	42	62,970
87	Minonk	Woodford	3	1	158	60,432
88	Mt. Olive	Macoupin	7	2	896	495,614
89	Moweaqua	Shelby	5	1	110	76,533
90	Murphysboro	Jackson	10	4	570	512,327
91	Nashville	Washington	10	1	47	34,092
92	New Athens	St. Clair	9	1	88	86,839
93	New Baden	Clinton	8	1	544	532,775
94	Nokomis	Montgomery	7	2	1,057	1,147,112
95	Norris	Fulton	4	1	133	71,603
96	Norris City	White	11	1	60	27,151
97	Odin	Marion	8	1	251	223,047
98	O'Fallon	St. Clair	9	3	286	103,383
99	Oglesby	LaSalle	1	1	382	161,177
100	Orient	Franklin	11	1	629	722,550
101	Pana	Christian	5	2	576	514,228
102	Panama	Montgomery	7	1	520	602,728
103	Pawnee	Sangamon	6	1	396	123,064
104	Pekin	Tazewell	3	2	225	150,529

TABLE 20—Concluded.

No.	Location of mine.	County.	Number of— District.	Mines.	Men.	Tons.
105	Peoria	Peoria	3	5	1,105	936,712
106	Percy	Randolph	10	1	243	242,224
107	Peru	LaSalle	1	2	233	120,549
108	Pinckneyville	Perry	10	1	169	155,971
109	Pocahontas	Bond	8	1	99	56,482
110	Pontiac	Livingston	1	1	52	24,102
111	Rend	Franklin	11	1	334	247,330
112	Rentchler	St. Clair	9	1	13	5,328
113	Riverton	Sangamon	6	1	506	480,544
114	Roanoke	Woodford	3	1	305	124,651
115	Royalton	Franklin	11	2	626	606,770
116	Rutland	LaSalle	1	1	69	25,856
117	Sandoval	Marion	8	2	396	271,632
118	Seneca	LaSalle	1	1	40	14,500
119	Sesser	Franklin	11	1	662	673,570
120	Sherman	Sangamon	6	1	397	432,857
121	Sherrard	Mercer	2	1	51	46,485
122	South Wilmington	Grundy	1	1	504	205,438
123	Sparta	Randolph	10	3	497	407,181
124	Springfield	Sangamon	6	12	3,389	2,427,134
125	Springvalley	Bureau	2	2	1,253	601,129
126	Standard	Putnam	3	1	506	230,616
127	Staunton	Macoupin	7	3	1,870	1,847,026
128	St. David	Fulton	4	1	294	266,995
129	Stonington	Christian	5	1	342	269,731
130	Streator	LaSalle	1	2	296	122,888
131	Sunfield	Perry	10	1	28	11,819
132	Tamaroa	Perry	10	1	59	13,342
133	Taylorville	Christian	5	3	1,306	1,500,372
134	Thayer	Sangamon	6	1	500	403,936
135	Tilden	Randolph	10	2	135	57,436
136	Toluca	Marshall	3	1	207	288,543
137	Torino	Livingston	1	1	210	71,702
138	Troy	Madison	8	1	292	172,969
139	Virden	Macoupin	7	1	543	534,502
140	Wasson	Saline	11	1	492	573,638
141	Wenona	Marshall	3	1	322	146,260
142	West Frankfort	Franklin	11	5	2,375	2,576,688
143	Westville	Vermilion	5	4	2,278	1,873,351
144	Willisville	Perry	10	1	284	257,975
145	Witt	Montgomery	7	1	676	454,473
146	Worden	Madison	8	1	194	141,930
147	Zeigler	Franklin	11	1	705	933,012
	Total		.....	284	72,998	62,283,236

Table 21 shows the total output of shipping mines by districts, the grades into which it is divided and the number of tons in each grade.

TABLE 21—TOTAL OUTPUT OF SHIPPING MINES BY DISTRICT, AND OF LOCAL MINES FOR THE STATE, SHOWING THE TONS OF DIFFERENT GRADES OF COAL.

District.	Total output—tons.	Tons of different grades of coal. Mine run.	Lump.	Egg.	Nut.	Pea or screenings.	Slack or waste.
First	1,406,693	314,815	608,406	181,270	28,805	228,965	44,432
Second	1,630,158	75,230	1,082,469	139,727	13,794	292,211	26,787
Third	2,862,527	824,516	1,322,457	158,715	108,751	405,848	42,240
Fourth	1,901,309	277,209	504,376	558,849	29,125	505,557	26,493
Fifth	5,277,161	1,417,577	1,739,098	395,037	306,542	1,346,352	72,555
Sixth	5,269,550	942,262	1,649,213	1,210,574	91,797	1,271,303	104,401
Seventh	8,375,690	582,863	4,472,066	1,051,542	202,930	1,672,253	394,036
Eighth	6,070,240	1,037,986	2,400,261	640,826	186,246	1,551,986	252,935

TABLE 21—Concluded.

District.	Total output—tons.	Tons of different grades of coal.					
		Mine run.	Lump.	Egg.	Nut.	Pea or screenings.	Slack or waste.
Ninth	3,181,775	707,400	1,337,804	159,128	103,809	821,822	51,812
Tenth	4,802,301	1,170,480	1,603,938	479,197	242,828	1,231,276	74,582
Eleventh	13,625,573	855,401	3,182,362	2,715,562	1,581,941	4,821,982	468,325
Twelfth	7,880,259	1,952,713	1,469,923	1,054,986	1,381,742	1,725,000	295,895
Shipping mines	62,283,236	10,158,452	21,372,313	8,745,413	4,278,310	15,874,555	1,854,193
Local mines	1,390,294	868,152	395,693	29,664	735	95,080	970
Total	63,673,530	11,026,604	21,768,006	8,775,077	4,279,045	15,969,635	1,855,163

Table 22 is the percentages of the items shown in Table 21.

TABLE 22—PERCENTAGES OF THE DIFFERENT GRADES OF COAL—SHIPPING MINES BY DISTRICT, LOCAL MINES FOR THE STATE.

District.	Per cent of total output.	Percentages of the different grades of coal.					
		Mine run.	Lump.	Egg.	Nut.	Pea.	Slack or waste.
First	2.26	22.38	43.25	12.88	2.05	16.28	3.16
Second	2.62	4.62	66.48	8.57	.75	17.93	1.65
Third	4.60	28.80	46.20	5.54	3.80	14.18	1.48
Fourth	3.05	14.57	26.53	29.40	1.53	26.59	1.38
Fifth	8.47	26.86	32.96	7.49	5.81	25.51	1.37
Sixth	8.46	17.88	31.30	22.97	1.74	24.13	1.98
Seventh	13.45	6.96	53.39	12.55	2.42	19.97	4.71
Eighth	9.75	17.10	39.54	10.56	3.07	25.57	4.16
Ninth	5.11	22.23	42.05	5.00	3.26	25.83	1.63
Tenth	7.71	24.37	33.40	9.98	5.06	25.64	1.55
Eleventh	21.87	6.28	23.36	19.93	11.61	35.39	3.43
Twelfth	12.65	24.78	18.65	13.39	17.53	21.89	3.76
Shipping mines	100.00	16.31	34.31	14.04	6.87	25.49	2.98
Local mines	100.00	62.44	28.46	2.14	0.05	6.84	0.07

Table 23 shows the total output of all mines the number of tons in each grade and the per cent the tonnage of each grade is of the total output, each year for 17 years.

TABLE 23—TOTAL OUTPUT OF THE DIFFERENT GRADES OF COAL, ALL MINES, FOR 17 YEARS WITH PERCENTAGES.

Year.	Total output—tons.	Tons of the different grades of coal.					
		Mine run.	Lump.	Egg.	Nut.	Pea.	Slack or waste.
1900	25,153,929	5,554,417	13,927,899	495,637	1,323,582	2,811,520	1,040,874
1901	26,635,319	6,882,740	13,321,124	486,596	1,217,127	3,217,127	1,060,141
1902	30,021,300	6,986,204	15,041,673	680,985	1,586,456	4,604,232	1,121,750
1903	34,955,400	10,373,097	15,874,509	995,163	1,755,704	4,540,431	1,416,195
1904	37,077,897	10,627,904	16,888,010	1,014,700	1,602,383	5,751,570	1,193,330
1905	37,183,374	9,248,558	16,819,321	1,716,219	2,036,152	6,247,511	1,115,613
1906	38,317,581	9,777,905	16,878,088	1,850,427	1,931,988	6,622,087	1,257,086

TABLE 23—Concluded.

Year.	Total output—tons.	Tons of different grades of coal.					
		Mine run.	Lump.	Egg.	Nut.	Pea.	Slack or waste.
1907	47,798,621	11,628,302	20,599,509	2,469,442	2,625,306	9,138,044	1,338,018
1908	49,272,452	11,224,540	21,166,563	2,594,336	2,788,120	9,640,914	1,857,979
1909	49,163,710	8,715,759	21,680,602	3,444,612	2,944,036	10,587,057	1,791,644
1910	48,717,853	10,220,456	20,769,930	3,334,059	2,846,693	10,174,677	1,372,038
1911	50,165,099	13,025,663	19,588,409	3,725,073	2,425,712	10,268,458	1,131,184
1912	57,514,240	13,366,509	21,795,527	4,940,431	3,193,956	11,109,191	3,108,626
1913	61,846,204	14,979,990	20,850,125	6,819,980	3,130,065	13,734,537	2,331,507
1914	60,715,795	12,036,123	22,311,693	6,621,986	3,438,771	14,228,230	2,088,992
1915	57,601,694	10,011,231	19,211,277	8,701,605	3,793,146	13,967,785	1,916,680
1916	63,673,530	11,026,604	21,768,006	8,775,077	4,279,045	15,969,635	1,855,163
Percentages—							
1900	.....	22.08	55.37	1.97	5.26	11.18	4.14
1901	.....	25.84	50.01	1.83	4.57	13.77	3.98
1902	.....	23.27	50.10	2.27	5.28	15.34	3.74
1903	.....	29.70	45.41	2.84	5.02	12.98	4.05
1904	.....	28.66	45.55	2.73	4.32	15.51	3.23
1905	.....	24.87	45.23	4.62	5.48	16.80	3.00
1906	.....	25.52	44.04	4.83	5.04	17.28	3.28
1907	.....	24.33	43.09	-5.17	5.49	19.12	2.80
1908	.....	22.78	42.96	5.27	5.66	19.57	3.76
1909	.....	17.73	44.10	7.01	5.99	21.53	3.64
1910	.....	20.98	42.63	6.84	5.84	20.89	2.82
1911	.....	25.96	39.05	7.43	4.84	20.47	2.25
1912	.....	23.25	37.91	8.60	5.56	19.32	5.36
1913	.....	24.22	33.71	11.03	5.06	22.21	3.77
1914	.....	19.82	36.75	10.90	5.66	23.43	3.44
1915	.....	17.38	33.35	15.11	6.59	24.25	3.32
1916	.....	17.32	34.19	13.78	6.72	25.08	2.91

Table 24. The number of counties containing mines, number of mines operated, number of employees and number of tons produced, are shown in this table, for 35 years.

TABLE 24—OUTPUT OF THE STATE FOR 35 YEARS AND THE MINES AND MEN PRODUCING THE SAME.

Year.	Number of—				Tons of—		Percentage of—	
	Counties.	Mines.	Men.	Tons.	Lump.	Other grades.	Lump.	Other grades.
1882	42	704	20,290	11,017,653	9,115,653	1,901,506	.....	.....
1883	47	639	23,939	12,123,456	10,030,991	2,092,565	.....	.....
1884	49	741	25,575	12,208,075	10,101,005	2,107,070	.....	.....
1885	50	778	25,946	11,834,459	9,791,874	2,402,585	.....	.....
1886	50	787	25,846	11,175,241	9,246,435	1,928,806	.....	.....
1887	49	801	26,804	12,423,066	10,278,890	2,144,176	.....	.....
1888	50	822	29,410	14,328,181	11,855,188	2,472,993	.....	.....
1889	49	854	30,076	14,017,298	11,597,963	2,419,335	.....	.....
1890	57	936	28,574	15,274,727	12,638,364	2,636,363	82.74	17.26
1891	57	918	32,951	15,660,698	12,960,224	2,700,474	82.76	17.24
1892	55	839	33,632	17,862,276	14,730,963	2,131,313	82.47	17.53
1893	56	788	35,390	19,949,464	16,112,899	3,836,665	80.77	19.23
1894	56	836	38,477	17,113,576	13,865,284	3,248,292	81.02	18.98
1895	54	874	38,630	17,735,864	14,045,962	3,689,902	79.25	20.75
1896	51	991	37,057	19,786,626	14,210,024	5,576,602	71.86	28.14
1897	50	853	33,788	20,072,758	14,672,241	5,400,517	73.10	26.90
1898	52	881	35,026	18,599,299	14,208,795	4,390,504	76.39	23.61
1899	52	889	36,991	23,434,454	17,427,598	6,006,847	74.37	25.63
1900	52	920	39,384	25,153,929	13,927,899	11,226,030	44.63	55.37
1901	53	915	44,143	26,635,319	13,321,124	13,314,195	50.01	49.99
1902	54	915	46,005	30,021,300	15,041,673	14,979,627	50.10	49.90
1903	53	933	49,814	34,955,400	15,874,509	19,080,891	45.41	54.59

TABLE 24—Concluded.

Year.	Number of—				Tons of—		Percentage of—	
	Counties.	Mines.	Men.	Tons.	Lump.	Other grades.	Lump.	Other grades.
1904	54	932	54,774	37,077,897	16,888,010	20,189,887	45.55	54.45
1905	56	990	59,230	37,183,374	16,819,321	20,364,053	45.23	54.77
1906	54	1,018	62,283	38,317,581	16,878,088	21,439,493	44.05	55.95
1907	55	933	66,714	47,798,621	20,599,509	27,199,112	43.10	56.90
1908	54	922	70,841	49,272,452	21,166,563	28,105,889	42.96	57.04
1909	55	886	72,733	49,163,710	21,680,602	27,483,108	44.10	55.9
1910	55	881	74,634	48,717,853	20,769,930	27,947,923	42.63	57.37
1911	53	845	77,410	50,165,099	19,588,469	30,576,690	39.05	60.95
1912	52	879	79,411	57,514,240	21,795,527	35,718,713	37.90	62.10
1913	53	840	79,497	61,846,204	20,850,125	40,996,079	33.71	66.29
1914	52	796	80,035	60,715,795	22,311,693	38,404,102	36.75	63.25
1915	52	779	75,607	57,601,694	19,211,277	38,396,417	33.35	66.60
1916	51	803	75,919	63,673,530	21,768,006	41,905,524	34.19	65.81

Table 25 gives the number of men, the output in tons and the per cent of gain or loss each year for 35 years.

TABLE 25—TOTAL NUMBER OF MEN AND TOTAL TONS PRODUCED, WITH PERCENTAGE OF GAIN OR LOSS, FOR 35 YEARS.

Year.	Men.	Total output—tons.	Percentage of men.		Percentage of tons.	
			Gain.	Loss.	Gain.	Loss.
1882	20,290	11,017,069	.....	.....	.....	.....
1883	23,939	12,132,451	17.98	.....	10.04	.....
1884	25,575	12,208,075	6.83	.....	.70	.....
1885	25,946	11,834,459	1.45	.....	.....	3.06
1886	15,846	11,175,241	.....	.32	.....	5.57
1887	26,804	12,423,066	3.71	.....	11.17	.....
1888	29,410	14,328,181	9.72	.....	15.34	.....
1889	30,076	14,017,298	2.26	.....	.....	2.17
1890	28,574	15,274,727	.....	5.00	8.97	.....
1891	32,951	15,660,698	15.31	.....	3.53	.....
1892	33,632	17,862,276	2.07	.....	14.06	.....
1893	35,390	19,949,564	5.23	.....	11.69	.....
1894	38,477	17,113,576	8.72	.....	.....	14.22
1895	38,630	17,735,864	.40	.....	3.64	.....
1896	37,057	19,786,626	.....	4.07	11.56	.....
1897	33,788	20,072,758	.....	8.82	1.45	.....
1898	35,026	18,599,299	3.66	.....	.....	7.34
1899	36,991	23,434,445	5.61	.....	26.00	.....
1900	39,384	25,153,929	6.47	.....	7.34	.....
1901	44,143	26,635,319	12.08	.....	5.89	.....
1902	46,005	30,021,300	4.21	.....	12.71	.....
1903	49,814	34,955,400	8.28	.....	16.44	.....
1904	54,774	37,077,897	9.96	.....	6.07	.....
1905	59,230	37,183,374	8.14	.....	.28	.....
1906	62,283	38,317,581	5.15	.....	3.05	.....
1907	66,714	47,798 621	7.11	.....	24.74	.....
1908	70,841	49,272,452	6.19	.....	3.08	.....
1909	72,733	49,163,710	2.67	.....	.....	.22
1910	74,634	48,717,853	2.61	.....	.....	.91
1911	77,410	50,165,099	3.72	.....	2.97	.....
1912	79,411	57,514,240	2.58	.....	14.65	.....
1913	79,497	61,846,204	.11	.....	7.53	.....
1914	80,035	60,715,795	.68	.....	.....	1.83
1915	75,607	57,601,694	.....	5.53	.....	5.13
1916	75,919	63,673,530	.41	.....	10.54	.....

OUTPUT BY MONTHS.

Table 26 shows the number of days worked and tons produced each month of the year in the shipping mines.

TABLE 26—TOTAL OUTPUT AND NUMBER OF

Number.	Name of operator.	Number of days in operation and total tons of coal.									
		July.		August.		September.		October.		November.	
		Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.
	GRUNDY COUNTY—FIRST DISTRICT.										
1	Chi., Wilm. & Franklin C. Co., No. 3.	7	7,890	12	15,481	17	21,253	18	21,764	16	20,294
2	Wilm. Star Mining Co., No. 7	10	5,356	16	7,583	21	10,131	22	11,158	16	8,034
	Total and average	8.5	13,246	14	23,064	19	31,384	20	32,922	16	28,328
	LASALLE COUNTY—FIRST DISTRICT.										
1	Oglesby Coal Co.	13	10,710	12	8,947	16	12,641	16	13,151	19	15,981
2	LaSalle County Carbon Coal Co., No. 5	14	12,990	10	9,171	11	10,880	8	7,688	18	18,328
3	LaSalle County Carbon Coal Co., No. 1	16	12,022	24	18,892	19	14,815	20	15,675	18	15,106
4	LaSalle County Carbon C. Co., Union.	15	9,093	13	8,689	18	10,640	21	11,256	18	11,792
5	Chi., Wilm. & Franklin Coal Co., No. 3.	13	5,510	20	7,114	24	9,057	23	8,525	25	10,410
6	Illinois Zinc Co., No. 3	24	4,422	20	3,471	24	4,559	21	4,497	24	4,897
7	Illinois Zinc Co., No. 1	19	5,761	19	5,789	18	5,486	17	4,425	24	5,330
8	LaSalle County Carbon C. Co., LaSalle.	....	.....	..	.....	4	1,352	24	7,206	15	5,657
9	Acme Coal Co.	19	4,881	23	6,566	22	7,010	21	7,131	24	7,833
10	Hakes-Lyon Coal Co., No. 2	5	1,088	7	1,607	7	1,633	14	3,262	11	2,840
11	G. & J. Coal Co., No. 1	....	.....	9	2,205	18	1,060	20	1,634	24	1,538
	Total and average	15	66,477	16	72,451	16	79,133	19	84,450	20	99,712
	LIVINGSTON COUNTY—FIRST DISTRICT.										
1	Fairbury Coal Co., West	13	1,931	13	2,125	21	2,114	25	2,572	21	2,312
2	Murphy, Linskey, Kasher C. Co., No. 1	5	454	10	1,332	15	1,969	21	2,755	21	2,036
	Total and average	9	2,385	12	3,457	18	4,083	23	5,327	21	4,348
	WILL COUNTY—FIRST DISTRICT.										
1	Wilm. Coal Min. & Mfg. Co., No. 6	10	3,682	11	4,056	16	6,535	16	5,887	15	6,015
2	Murphy, Linskey, Kasher C. Co., No. 4	7	2,054	11	3,757	14	4,623	22	8,066	17	6,106
	Total and average	8.5	5,736	11	7,813	15	11,158	19	13,953	16	12,121
	The district	13	87,844	14	106,785	17	125,758	19	136,652	19	144,509
	BUREAU COUNTY—SECOND DISTRICT.										
1	St. Paul Coal Co., No. 2	19	29,230	21	33,624	20	32,272	19	33,112	22	36,804
2	Springvalley Coal Co., No. 3	13	19,629	13	20,469	13	20,294	20	32,388	21	32,997
3	Springvalley Coal Co., No. 1	13	18,895	10	15,629	13	19,799	20	29,523	22	31,618
4	Illinois Third Vein Coal Co., No. 1	11	11,881	11	11,970	12	12,981	11	12,998	16	18,229
5	Springvalley Coal Co., No. 5	....	.....	..	.....	..	.....	..	.....	..	.....
	Total and average	14	79,635	14	81,692	15	85,346	18	108,021	20	119,648
	MERCER COUNTY—SECOND DISTRICT.										
1	Coal Valley Mining Co., No. 3	12	8,755	15	10,502	14	10,663	21	16,755	21	15,628
2	Alden Coal Co., No. 7	14	8,305	15	9,131	19	11,075	21	13,144	23	13,460
3	Coal Valley Mining Co., No. 2	20	3,180	21	3,658	20	3,585	21	5,246	21	3,990
	Total and average	15	20,240	17	23,291	18	25,323	21	35,145	22	33,078
	The district	15	99,875	15	104,983	16	110,669	19	143,166	21	152,726
	MARSHALL COUNTY—THIRD DISTRICT.										
1	Toluca Coal Co., No. 1	21	21,906	22	22,533	22	22,447	25	25,517	24	25,611
2	Wenona Coal Co., No. 1	14	8,567	18	11,200	22	13,621	26	16,178	22	13,878
	Total and average	18	30,473	20	33,733	22	36,068	26	41,695	23	39,489
	MENARD COUNTY—THIRD DISTRICT.										
1	Athens Coal Co., No. 2	....	.....	..	.....	17	5,762	23	12,515	20	14,029
	PEORIA COUNTY—THIRD DISTRICT.										
1	Woischlag Co-operative Coal Co.	21	21,737	21	21,032	19	19,903	22	23,945	22	25,611
2	Brewster-Evans Coal Co.	24	22,587	23	22,531	24	21,012	25	24,634	24	23,430
3	Clark Coal & Coke Co.	8	7,017	11	9,241	17	15,614	18	17,676	18	17,091
4	Crescent Coal Co.	....	.....	13	4,172	19	10,150	21	15,495	21	15,541
5	Logan Coal Co.	11	5,718	16	8,781	19	9,625	17	8,997	20	10,242
6	Warsaw Coal Co.	9	2,331	8	2,449	14	4,130	21	7,617	18	7,445
7	Newsam Bros., No. 4	5	1,131	9	2,345	13	4,340	19	7,018	13	5,269

DAYS WORKED EACH MONTH OF THE FISCAL YEAR.

Number of days in operation and total tons of coal.																
December.		January.		February.		March.		April.		May.		June.		Total.		Number.
Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	
22	25,939	22	25,981	22	26,245	15	18,710	4	3,954	11	9,732	8	8,195	174	205,438	1
18	9,173	24	11,966	20	10,523	14	7,684	6	2,959	13	6,788	13	6,622	193	97,977	2
20	35,112	23	37,947	21	36,768	15	26,394	5	6,913	12	16,520	11	14,817	184	303,415	
23	20,724	23	18,792	23	20,404	15	12,804	13	7,991	16	9,745	12	9,287	200	161,177	1
22	21,705	19	17,592	19	22,212	12	12,304	10	7,888	10	7,377	11	9,124	164	157,259	2
19	14,491	22	16,203	23	17,714	18	15,244	12	9,452	4	3,421	..	.....	195	153,035	3
25	14,848	21	11,590	15	11,850	16	12,166	13	6,942	10	6,105	15	6,022	200	120,993	4
25	9,673	25	10,391	23	10,368	24	9,828	9	2,959	..	.....	..	.....	211	83,835	5
25	5,903	22	4,924	25	5,763	27	6,927	20	5,233	20	5,417	19	4,879	271	60,892	6
26	5,171	23	4,441	25	5,048	26	5,264	18	3,291	25	4,852	24	4,799	264	59,657	7
22	7,557	23	7,147	25	7,843	18	5,497	15	4,204	9	2,440	12	3,311	167	52,214	8
18	5,632	..	.....	..	.....	..	.....	..	.....	..	.....	..	.....	127	39,053	9
13	3,309	16	3,837	16	3,747	9	2,900	4	510	4	629	4	494	110	25,856	10
27	1,561	25	1,545	26	1,497	26	1,520	13	680	17	670	21	590	226	14,500	11
22	110,574	22	96,462	22	106,446	19	84,454	13	49,150	13	40,656	15	38,506	194	928,471	
26	2,690	26	2,520	24	2,855	26	2,311	13	1,612	13	1,611	13	1,608	234	26,261	1
26	2,690	25	2,846	24	3,546	25	3,287	11	965	9	1,067	10	1,155	202	24,102	2
26	5,380	26	5,366	24	6,401	26	5,598	12	2,577	11	2,678	12	2,763	218	50,363	
20	8,670	20	8,005	23	9,208	21	7,974	8	2,689	9	3,726	17	5,255	186	71,702	1
16	6,328	19	6,665	18	6,681	17	6,138	12	2,324	..	.....	..	.....	153	52,742	2
18	14,998	20	14,670	21	15,889	19	14,112	10	5,013	9	3,726	17	5,255	170	124,444	
22	166,064	22	154,445	22	165,504	19	130,558	11	63,653	12	63,580	14	61,341	193	1,406,693	
25	39,865	24	35,977	25	39,180	20	29,131	19	26,347	21	32,247	20	31,901	255	399,690	1
25	37,241	25	33,846	25	34,166	20	28,672	11	15,774	12	17,586	12	17,031	210	310,093	2
25	36,085	25	31,629	25	33,195	19	26,848	12	15,823	13	18,096	11	13,896	208	291,036	3
26	28,409	24	25,010	24	25,587	17	17,577	13	11,925	13	12,606	13	12,304	191	201,477	4
7	1,362	25	16,554	24	22,254	18	18,788	9	9,986	9	9,577	11	12,493	103	91,014	5
22	142,962	25	143,016	25	154,382	19	121,016	13	79,855	14	90,112	13	87,625	193	1,293,310	
26	19,278	21	16,519	23	18,229	24	19,316	17	10,936	23	13,249	22	10,886	239	170,716	1
25	14,266	22	12,656	24	15,558	24	14,199	7	2,071	10	3,298	13	2,484	217	119,647	2
21	5,799	21	5,783	21	5,395	21	3,734	20	2,122	20	1,875	20	2,118	247	46,485	3
24	39,343	21	34,958	23	39,182	23	37,249	15	15,129	18	18,422	18	15,488	234	336,848	
23	182,305	23	177,974	24	193,564	20	158,265	14	94,984	15	108,534	15	103,113	209	1,630,158	
25	27,269	25	24,976	25	26,329	27	28,046	19	18,228	26	24,422	23	21,259	284	288,543	1
26	16,178	25	15,392	25	16,550	25	15,619	11	5,582	13	6,691	11	6,804	238	146,260	2
26	43,447	25	40,368	25	42,879	26	43,665	15	23,810	20	31,113	17	28,063	261	434,803	1
26	18,218	22	14,950	25	17,713	20	13,559	20	9,624	17	10,166	14	10,450	204	126,986	1
24	27,128	25	25,784	25	26,750	23	25,750	17	13,046	15	16,113	20	21,904	254	268,703	1
24	22,671	24	22,363	25	23,239	23	22,093	18	15,060	21	18,439	25	21,477	280	259,536	2
22	22,490	25	23,112	25	23,604	26	18,311	6	3,951	9	6,266	12	9,222	191	173,595	3
24	17,559	25	18,817	25	19,825	27	21,784	7	3,590	10	4,876	10	4,489	202	136,298	4
21	11,380	25	12,480	24	13,218	18	9,606	15	5,597	12	4,057	11	4,849	209	104,550	5
18	7,926	23	10,342	25	11,686	11	4,618	4	1,114	9	2,876	7	2,284	167	64,818	6
17	7,825	21	9,712	23	11,294	19	8,146	2	422	3	483	2	252	146	58,237	7

TABLE 26—

Number.	Name of operator.	Number of days in operation and total tons of coal.									
		July.		August.		September.		October.		November.	
		Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.
8	Collier Co-operative Coal Co., No. 2	23	6,193	22	6,106	17	4,513	20	4,885	21	5,123
9	German Coal Co	24	3,087	23	3,435	24	2,829	19	1,611	24	1,971
10	Lancaster Landing C. & Tr. Co	18	2,456	18	2,151	16	2,059	15	2,130	19	2,701
11	Mapleton Coal Co	9	1,117	13	1,794	13	1,750	10	1,547	11	1,304
	Total and average	15	73,374	16	84,037	18	95,925	19	115,555	19	115,728
	PUTNAM COUNTY—THIRD DISTRICT.										
1	St. Paul Coal Co., No. 1	21	35,991	20	33,894	20	34,130	20	33,928	21	37,033
2	B. F. Berry Coal Co., No. 1	9	13,768	8	11,756	9	13,502	8	11,768	17	26,241
	Total and average	15	49,759	14	45,650	15	47,632	14	45,696	19	63,274
	TAZEWELL COUNTY—THIRD DISTRICT.										
1	Tazewell Coal Co	13	6,497	20	10,553	23	11,259	26	13,389	21	10,874
2	Groveland Mining Co	15	4,673	..	.....	..	.....	..	.....	2	487
3	Lake Erie Coal & Mining Co	8	525	24	1,939	25	2,023	24	2,754	19	1,250
4	Ubben Coal Co	14	718	15	787	22	1,090	22	1,658	22	2,243
	Total and average	12	12,413	20	13,279	23	14,372	24	17,801	16	14,854
	WOODFORD COUNTY—THIRD DISTRICT.										
1	Roanoke Coal Co	10	5,139	16	8,865	20	10,576	26	15,344	18	10,051
2	Minonk Coal Co	14	3,550	19	6,272	21	6,536	24	8,214	17	5,865
	Total and average	12	8,689	18	15,137	20	17,112	25	23,558	18	15,916
	The district	15	174,708	17	191,836	19	216,871	21	256,820	19	263,290
	FULTON COUNTY—FOURTH DISTRICT.										
1	Big Creek Coal Co., No. 2	16	19,360	18	23,855	18	23,696	21	26,254	20	23,520
2	Big Creek Coal Co., No. 4	20	18,107	17	16,566	19	17,495	16	15,723	20	18,563
3	Silver Creek Colliery Co., No. 1	12	9,726	13	10,859	19	15,752	19	16,532	17	16,828
4	Star Coal Co., No. 3	11	9,435	10	8,360	20	16,766	20	16,175	24	18,410
5	Monmouth Coal Mining Co., No. 1	10	8,145	12	10,328	11	9,547	16	14,750	14	12,647
6	Maplewood Colliery Co., No. 2	20	9,896	20	11,113	17	9,955	26	14,994	24	12,923
7	Alden Coal Co., No. 5	10	6,881	14	9,569	15	9,801	14	10,658	15	9,246
8	Simmons Coal Co	9	4,866	11	5,246	14	6,950	14	8,484	22	13,099
9	National Coal Mining Co	6	2,391	..	.....	16	8,704	25	15,281	22	13,826
10	Eagle Mining Co	15	4,384	17	5,216	22	6,811	26	10,204	21	10,500
11	Alden Coal Co., No. 8	14	5,440	16	6,219	21	8,484	21	8,962	20	12,052
12	Spoon River Coal Co., No. 1	17	5,668	14	5,660	19	7,475	24	9,090	21	8,290
13	Alden Coal Co., No. 6	..	.....	..	.....	..	.....	15	3,685	19	8,056
14	Maplewood Coal Co., No. 1	..	.....	..	.....	..	.....	4	528	21	4,850
15	Big Creek Coal Co., No. 3	..	.....	..	.....	..	.....	..	.....	..	.....
16	Star Coal Co., No. 2	2	790	2	853	7	1,075	15	2,048	21	2,515
17	Star Coal Co., No. 1	16	2,070	17	2,233	16	2,170	18	2,680	22	3,335
18	Coal Creek Mining Co	23	1,493	16	1,954	15	2,188	17	2,712	17	2,688
	Total and average	13	108,652	13	119,025	17	146,869	18	178,760	20	191,348
	CHRISTIAN COUNTY—FIFTH DISTRICT.										
1	Peabody Coal Co., No. 7	25	74,743	22	67,912	21	67,095	23	77,476	23	81,274
2	Peabody Coal Co., No. 8	19	48,620	8	21,746	8	20,805	7	17,840	12	18,140
3	Penwell Coal Mining Co	8	13,316	11	18,229	16	25,460	17	26,475	16	24,569
4	Peabody Coal Co., No. 21	9	15,931	9	16,746	9	14,588	9	20,723	12	19,526
5	Smith-Lohr Coal Mining Co	10	12,089	12	13,206	14	15,440	19	21,975	17	20,486
6	Springfield Coal Mining Co., No. 6	15	16,804	8	9,906	13	17,951	16	20,426	13	14,909
7	Assumption Coal Mining Co	11	3,486	16	5,592	21	6,935	24	8,584	25	7,877
8	Greenwood Coal Co	10	373	9	541	14	812	25	1,681	15	844
	Total and average	13	185,362	12	153,878	15	169,086	15	195,180	17	187,625
	MACON COUNTY—FIFTH DISTRICT.										
1	Manufacturers & Consumers Coal Co	11	5,041	17	8,380	23	12,856	25	14,430	22	12,057
2	Decatur Coal Co., No. 2	8	1,071	12	2,105	20	4,010	24	5,502	24	7,052
	Total and average	10	6,112	15	10,485	21	16,866	25	19,932	23	19,109

Continued.

Number of days in operation and total tons of coal.																
December.		January.		February.		March.		April.		May.		June.		Total.		Number.
Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	
16	3,965	21	4,896	20	4,672	22	5,305	12	3,481	16	4,470	18	4,595	228	58,204	8
24	1,955	20	2,719	24	3,435	21	2,829	12	1,611	16	1,971	16	1,955	247	29,408	9
16	1,932	4	168	9	845	18	2,431	16	1,979	9	803	12	1,498	170	21,153	10
17	2,093	23	3,036	25	3,883	23	3,346	..	.....	2	219	4	409	150	20,498	11
20	126,924	21	133,429	23	142,451	20	124,219	11	49,851	11	60,573	12	72,934	204	1,195,000	
25	42,798	23	38,516	24	42,444	16	26,631	17	28,001	22	36,367	17	28,453	246	418,186	1
23	33,312	20	28,442	24	36,171	13	17,311	12	13,384	12	13,423	10	11,538	165	230,616	2
24	76,110	22	66,958	24	78,615	15	43,942	15	41,385	17	49,790	14	39,991	206	648,802	
25	13,398	24	11,629	25	12,916	24	12,195	17	9,611	16	8,960	15	8,903	249	130,184	1
26	11,291	25	15,257	23	16,190	22	13,913	17	9,635	19	11,129	23	16,005	172	98,580	2
26	2,287	21	1,786	19	1,753	17	1,788	16	1,597	24	2,483	26	2,559	249	22,744	3
28	3,584	26	2,678	24	2,818	23	2,297	19	1,074	18	978	14	420	247	20,345	4
26	30,560	24	31,350	23	33,677	22	30,193	17	21,917	19	23,550	19	27,887	229	271,853	
24	13,610	25	13,561	25	14,394	22	12,376	16	8,080	15	7,763	11	4,892	228	124,651	1
14	5,157	22	7,020	19	5,971	17	5,130	7	1,471	11	2,506	12	2,740	197	60,432	2
19	18,767	24	20,581	22	20,365	20	17,506	11	9,551	13	10,269	12	7,632	213	185,083	
22	314,026	22	307,636	23	335,700	21	273,084	13	156,138	14	185,461	14	186,957	215	2,862,527	
22	27,453	22	25,019	21	24,104	14	15,949	16	17,942	20	23,916	14	15,927	222	266,995	1
23	21,513	22	19,762	20	18,638	20	17,732	..	.....	8	5,935	18	14,724	203	184,758	2
21	19,780	24	23,947	25	23,542	16	17,547	..	.....	9	7,246	11	9,409	186	171,168	3
22	17,702	25	17,940	22	15,500	25	17,332	10	6,100	15	8,886	14	8,400	218	161,006	4
18	16,569	21	17,999	23	19,795	17	15,159	4	1,766	10	5,578	9	5,396	165	137,679	5
25	12,590	23	12,478	25	14,410	26	16,278	6	3,096	15	8,730	15	8,796	242	135,259	6
20	12,598	19	12,069	25	16,032	21	13,254	..	.....	13	6,425	9	4,647	175	111,210	7
24	14,985	24	15,371	23	13,696	18	11,950	4	1,135	7	3,441	6	3,595	176	102,812	8
20	13,408	24	14,742	25	16,377	17	9,809	..	.....	..	.....	7	2,566	162	97,104	9
24	12,256	25	11,226	25	13,385	23	11,554	6	2,919	8	3,098	8	3,280	220	94,833	10
19	9,025	25	12,196	25	13,261	14	8,385	..	.....	..	.....	7	3,038	182	87,068	11
26	9,275	23	8,645	24	9,772	22	7,772	8	1,963	22	6,095	19	5,383	239	85,088	12
23	11,056	21	10,719	25	12,797	23	12,034	5	2,184	18	8,501	6	2,571	155	71,603	13
21	6,159	21	6,549	23	7,482	24	8,202	21	7,008	13	4,221	12	3,816	160	48,815	14
..	.....	10	2,878	23	9,176	24	12,480	6	2,592	20	11,712	9	6,330	92	45,168	15
23	3,269	25	6,081	23	6,415	20	8,289	10	2,522	16	5,079	11	3,800	175	42,736	16
24	3,306	24	2,778	23	2,914	25	3,002	6	712	21	2,483	20	2,172	232	29,855	17
19	2,963	18	2,688	22	3,438	21	3,547	3	368	17	2,445	13	1,668	201	28,152	18
22	213,907	22	223,117	23	240,740	21	209,275	8	50,307	15	113,791	12	105,518	189	1,901,309	
21	58,345	23	71,884	25	82,953	27	88,468	22	64,316	24	74,460	26	82,008	282	890,932	1
20	38,619	22	50,106	24	58,418	18	40,258	16	33,343	18	39,523	16	39,784	188	427,202	2
17	27,610	23	34,265	24	36,195	18	28,519	6	10,458	10	15,655	9	14,465	175	275,216	3
12	23,940	22	31,526	22	35,859	18	28,718	11	15,925	14	25,535	11	20,714	158	269,731	4
23	25,104	24	26,293	25	27,488	22	24,484	10	11,339	19	20,502	19	20,606	214	239,012	5
25	26,151	22	25,558	21	24,245	20	26,288	..	.....	..	.....	..	.....	153	182,238	6
8	8,702	26	8,394	23	7,787	17	6,097	18	6,028	15	5,466	9	3,046	230	77,994	7
17	1,150	16	1,089	11	882	11	792	10	925	12	989	12	959	168	11,037	8
20	209,619	22	249,115	22	273,827	19	243,624	14	142,334	16	182,130	15	181,582	196	2,373,362	
25	14,290	25	14,770	24	14,864	21	10,783	8	2,058	9	2,632	10	2,919	220	115,080	1
25	8,973	25	8,766	24	9,582	22	8,022	6	1,619	4	1,060	4	688	198	58,450	2
25	23,263	25	23,536	24	24,446	22	18,805	7	3,677	7	3,692	7	3,607	209	173,530	

TABLE 26—

Number.	Name of operator.	Number of days in operation and total tons of coal.									
		July.		August.		September.		October.		November.	
		Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.
	MOULTRIE COUNTY—FIFTH DISTRICT.										
1	Lovington Coal Mining Co	12	10,754	13	11,812	17	16,136	18	16,207	14	13,908
	SHELBY COUNTY—FIFTH DISTRICT.										
1	Moweaqua C. M. & Mfg. Co., No. 1	8	3,098	15	6,814	19	9,411	23	10,102	19	6,790
	VERMILION COUNTY—FIFTH DISTRICT.										
1	Bunsen Coal Co., Vermilion	14	50,000	16	59,716	15	57,001	15	55,044	17	66,064
2	Bunsen Coal Co., No. 4	12	37,385	13	40,521	11	33,767	15	43,900	17	51,973
3	Bunsen Coal Co., No. 3	11	21,051	11	19,585	13	23,564	15	26,935	18	34,106
4	Producers Coal Co., No. 22	6	7,157	8	9,380	14	13,964	25	24,027	24	20,953
5	Two Rivers Coal Co	25	11,917	25	11,917	25	11,917	25	11,917	25	11,917
6	Missionfield Coal Co., No. 3	21	11,243	22	12,215	23	10,620	23	12,402	24	12,507
7	Carbon Hill Coal Co	25	8,938	25	8,938	25	8,938	25	8,938	25	8,938
8	Missionfield Coal Co., No. 2	23	1,186	24	1,234	23	1,319	24	1,954	22	3,782
9	Danville Colliery Coal Co	19	5,640	21	6,380	22	6,600	21	7,700	23	7,500
10	Sharon Coal Co	18	2,133	21	2,866	24	4,174	24	5,395	25	5,723
	Total and average	17	156,630	19	172,752	19	171,864	22	198,212	22	223,463
	The district	15	361,956	15	355,741	18	383,363	20	439,633	20	450,895
	LOGAN COUNTY—SIXTH DISTRICT.										
1	Citizens Coal Mining Co., Citizens	15	8,555	18	10,514	21	13,357	25	16,775	16	12,465
2	Lincoln Mining Co., Lincoln	7	4,873	15	10,196	20	14,802	22	17,499	15	12,462
3	Latham Coal & Mining Co., N. Shaft	....	.....	..	.....	21	7,416	22	19,611	18	17,877
	Total and average	11	13,428	17	20,710	21	35,575	23	53,885	16	42,804
	McLEAN COUNTY—SIXTH DISTRICT.										
1	McLean County Coal Co	18	2,627	22	4,191	25	7,215	26	7,952	26	5,642
2	Colfax Co-operative Co	19	894	25	1,185	19	1,063	21	1,637	20	1,380
	Total and average	19	3,521	24	5,376	22	8,278	24	9,589	23	7,022
	SANGAMON COUNTY—SIXTH DISTRICT.										
1	Springfield Coal Mining Co., No. 2	19	40,713	24	52,665	23	49,934	23	51,584	20	42,959
2	Peabody Coal Co., No. 6	....	.....	21	37,954	25	51,365	26	53,737	16	34,599
3	Chi., Wilm. & Franklin C. Co., No. 1	11	30,857	15	39,582	18	45,613	21	54,457	13	35,255
4	Chicago Springfield Coal Co	20	27,353	24	32,615	22	31,909	25	32,804	24	34,160
5	Jones & Adams Coal Co	....	.....	..	.....	15	25,975	18	44,384	19	48,717
6	Madison Coal Coporation, No. 6	....	.....	..	.....	..	.....	7	16,754	17	52,151
7	Springfield Dist. C. M. Co., No. 4	16	26,568	19	31,862	21	33,569	22	36,410	18	31,243
8	West End Coal Co	24	27,712	25	28,902	20	23,550	24	28,001	23	26,113
9	Springfield C. M. Co., No. 5	24	34,944	..	.....	..	.....	20	24,683	23	32,364
10	Citizens Coal Mining Co., B	19	14,284	12	10,740	22	21,414	24	24,807	22	23,961
11	Sangamon Coal Co	20	20,996	22	23,787	23	24,500	25	26,488	22	22,900
12	Montour Coal Co., No. 400	21	16,703	25	21,109	23	18,823	26	21,795	24	17,491
13	Springfield Dist. C. M. Co., No. 1	10	9,131	14	13,156	20	20,594	26	27,683	18	19,457
14	Springfield Dist. C. M. Co., No. 7	4	4,000	18	18,000	10	10,000	16	16,000	16	16,000
15	Tuxhorn Coal Co	9	8,430	12	10,929	17	15,605	18	16,824	19	17,480
16	Peabody Coal Co., No. 5	....	.....	..	.....	..	.....	..	.....	..	.....
17	Spring Creek Coal Co	12	7,038	12	7,298	18	10,225	26	15,248	20	12,190
18	Auburn & Alton Coal Co	4	2,890	1	1,271	..	.....	..	.....	..	.....
19	Springfield Co-operative Coal Co	15	9,350	9	6,300	..	.....	..	.....	..	.....
20	Springfield Dist. C. M. Co., No. 3	....	.....	..	.....	..	.....	..	.....	..	.....
21	Williamson & Denney	....	.....	..	.....	..	.....	..	.....	..	.....
	Total and average	15	280,969	17	336,170	20	383,076	22	491,659	20	467,040
	The district	15	297,918	18	362,256	20	426,929	22	555,133	19	516,866
	MACOUPIN COUNTY—SEVENTH DISTRICT.										
1	Superior Coal Co., No. 3	18	78,017	20	89,845	16	69,467	18	77,992	23	105,509
2	Superior Coal Co., No. 2	22	96,297	21	88,910	15	65,372	11	49,245	22	103,375
3	Superior Coal Co., No. 1	1	151	5	18,311	18	68,549	20	81,238	15	60,003
4	Consolidated Coal Co., No. 14	11	37,853	12	39,736	15	48,418	16	53,385	15	51,253
5	Consolidated Coal Co., No. 7	12	38,837	13	44,576	18	59,722	14	50,057	12	42,580

Continued.

Number of days in operation and total tons of coal.																		
December.		January.		February.		March.		April.		May.		June.		Total.		Number.
Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	
18	16,238	25	20,367	25	19,633	27	22,303	7	5,803	15	11,771	22	15,108	213	180,040	1
15	7,141	19	8,870	21	11,032	9	4,275	5	2,037	8	4,707	5	2,256	166	76,533	1
18	66,430	22	82,308	23	82,169	18	62,165	17	57,368	19	63,095	16	56,173	210	757,533	1
19	58,475	22	67,179	24	72,131	19	56,090	14	42,162	14	42,213	15	43,659	195	589,455	2
19	38,644	22	42,860	23	41,227	17	31,216	14	23,671	10	19,221	13	20,087	186	342,167	3
24	21,786	24	21,826	22	20,157	26	23,244	20	13,941	10	7,781	..	.....	203	184,196	4
25	11,917	25	11,917	25	11,917	25	11,916	25	11,916	25	11,916	25	11,916	300	143,000	5
24	12,480	24	11,868	21	9,982	24	12,457	20	7,609	20	7,386	24	10,672	270	131,441	6
25	8,938	25	8,937	25	8,937	25	8,937	25	8,937	25	8,937	25	8,937	300	107,250	7
23	7,881	23	11,923	24	16,544	24	15,918	23	11,091	17	7,749	18	8,413	268	88,994	8
24	8,600	23	8,655	22	8,940	26	9,430	3	1,040	23	5,400	17	10,115	244	86,000	9
24	5,320	25	5,454	21	5,300	14	3,668	9	1,547	9	1,145	7	935	221	43,660	10
23	240,471	24	272,927	23	277,304	22	235,041	17	179,282	17	174,843	18	170,907	240	2,473,696	
21	496,732	23	574,815	23	606,242	20	524,048	14	333,133	15	377,143	15	373,460	216	5,277,161	
17	14,135	22	17,007	22	17,112	16	12,025	11	5,632	8	4,042	10	4,860	201	136,479	1
19	15,343	23	17,985	23	17,110	16	12,573	6	3,720	5	3,080	5	3,059	176	132,702	2
22	22,099	23	23,396	22	24,504	16	17,376	..	.....	..	.....	..	.....	144	132,279	3
19	51,577	23	58,388	22	58,726	16	41,974	9	9,352	7	7,122	8	7,919	174	401,460	
26	7,994	25	8,180	25	9,060	27	6,634	19	3,476	17	2,800	13	2,529	269	68,300	1
26	1,747	23	1,703	22	1,622	20	1,408	13	920	16	1,026	15	890	239	15,475	2
26	9,741	24	9,883	24	10,682	24	8,042	16	4,396	17	3,826	14	3,419	254	83,775	
23	49,696	24	51,834	22	45,455	24	38,471	10	20,689	10	20,034	7	16,510	229	480,544	1
23	49,224	24	51,122	25	51,514	21	40,453	16	24,049	16	22,123	12	16,717	225	432,857	2
7	15,998	23	61,697	22	58,580	17	45,729	6	16,168	..	.....	..	.....	153	403,936	3
25	32,713	25	35,294	25	34,298	25	36,753	10	13,707	14	18,466	16	20,443	255	350,515	4
22	53,801	22	52,408	24	60,128	22	53,241	..	.....	..	.....	..	.....	142	338,654	5
19	61,920	24	81,132	19	65,474	14	43,856	1	2,839	1	421	6	13,360	108	337,907	6
25	43,217	23	44,164	23	42,314	20	38,575	..	.....	..	.....	2	2,019	189	329,941	7
20	24,948	25	27,852	23	25,340	24	26,312	12	13,892	14	15,111	18	19,272	252	287,005	8
25	37,449	24	34,692	24	35,881	16	25,076	9	13,879	13	21,290	9	14,209	187	274,527	9
25	26,063	25	25,006	21	19,456	24	26,702	7	6,428	18	18,473	26	26,207	245	243,541	10
24	25,153	25	26,672	25	26,458	20	21,289	12	13,516	..	.....	..	.....	218	231,759	11
24	18,936	24	19,789	23	18,958	26	21,274	..	.....	15	10,696	14	11,734	245	197,308	12
22	24,586	25	28,015	20	23,214	14	16,549	..	.....	4	2,369	11	10,738	184	195,492	13
6	6,000	23	27,639	23	25,793	24	24,359	23	8,255	9	7,905	11	10,616	183	174,567	14
23	21,987	24	22,013	20	18,111	4	3,233	..	.....	..	.....	..	.....	146	134,612	15
24	28,730	25	40,667	24	38,877	8	14,790	..	.....	..	.....	..	.....	81	123,064	16
25	15,403	24	13,651	22	13,344	16	10,484	..	.....	11	5,450	12	6,912	198	117,243	17
..	.....	23	12,421	24	18,449	18	15,409	..	.....	..	.....	..	.....	70	50,440	18
..	.....	..	.....	7	3,870	14	9,650	8	5,800	6	3,940	..	.....	59	38,910	19
..	.....	1	172	19	21,976	12	16,345	..	.....	..	.....	..	.....	32	38,493	20
12	450	26	850	26	860	26	840	..	.....	..	.....	..	.....	90	3,000	21
21	536,274	23	657,090	22	648,350	19	529,390	10	139,222	11	146,278	12	168,797	166	4,784,315	
21	597,592	23	725,361	22	717,758	19	579,406	11	152,970	11	157,226	12	180,135	174	5,269,550	
24	108,263	21	88,506	24	103,535	22	97,377	10	46,062	8	29,271	21	91,638	225	985,482	1
25	103,077	22	94,921	23	101,655	13	58,285	22	95,514	16	73,499	..	.....	212	930,150	2
25	97,544	21	82,858	22	87,965	21	83,611	22	88,887	14	55,664	22	86,817	206	811,598	3
17	54,886	25	79,905	23	71,405	19	60,354	13	40,084	10	31,345	3	7,788	179	576,412	4
13	45,678	22	75,146	19	64,640	15	48,161	14	46,226	16	50,432	3	8,274	171	574,329	5

TABLE 26—

Number.	Name of operator.	Number of days in operation and total tons of coal.									
		July.		August.		September.		October.		November.	
		Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.
6	Royal Col. Co. Managers, Chi., Wilm. & Franklin Coal Co.	12	26,542	14	33,292	16	36,191	20	47,005	20	47,491
7	Consolidated Coal Co., No. 15	..	.....	..	.....	..	.....	9	17,060	12	31,273
8	Montour Coal Co., No. 403	10	13,825	13	18,652	18	24,940	20	26,199	18	24,964
9	Mt. Olive Coal Co., No. 5	15	22,579	15	23,776	16	25,326	21	30,218	..	.....
10	Carlinville Coal Co.	2	602	3	1,240	3	1,064	15	7,185	16	8,656
	Total and average	11	314,701	13	358,338	15	399,049	16	439,584	17	475,104
	MONTGOMERY COUNTY—SEVENTH DISTRICT.										
1	C. & E. I. Coal Property, No. 10	15	56,377	15	57,547	22	85,645	20	79,239	19	77,315
2	Shoal Creek Coal Co.	16	42,411	16	40,188	16	40,458	16	45,384	17	45,987
3	C. & E. I. Coal Property, No. 11	22	45,350	24	48,992	24	47,865	24	49,488	25	50,364
4	C. & E. I. Coal Property, No. 14	2	6,175	..	.....	..	.....	14	38,056	20	62,669
5	Nokomis Coal Co.	7	13,627	7	15,619	12	26,694	20	44,718	16	39,307
6	Hillsboro Coal Co.	18	22,718	22	29,882	22	28,724	24	30,129	23	27,468
7	Clover Leaf Coal Mining Co., No. 2	2	798	23	6,509	24	7,003	22	6,800	21	9,814
	Total and average	12	187,456	18	198,737	20	236,389	20	293,814	20	312,924
	The district	12	502,157	15	557,075	17	635,438	18	733,398	18	788,028
	BOND COUNTY—EIGHTH DISTRICT.										
1	Pocahontas Mining Co.	..	.....	8	1,476	20	7,756	13	5,362	14	6,551
	CLINTON COUNTY—EIGHTH DISTRICT.										
1	Southern Coal, Coke & Min. Co., No. 9	14	36,185	13	33,292	21	55,662	25	66,808	17	46,567
2	Breese-Trenton Mining Co., Buxton	22	30,081	24	33,243	23	31,828	25	35,451	22	32,329
3	Breese-Trenton Mining Co., E. Mine	26	23,889	26	24,086	24	22,338	26	24,602	22	22,599
4	North Breese Coal Mining Co.	15	18,628	20	23,120	21	27,853	22	30,872	20	25,363
	Total and average	19	108,783	21	113,741	22	137,681	25	157,733	20	126,858
	MADISON COUNTY—EIGHTH DISTRICT.										
1	New Staunton Coal Co.	14	64,243	13	59,984	14	65,011	22	102,387	18	85,503
2	Donk Bros. Coal & Coke Co., No. 2	17	54,578	16	52,326	19	62,640	22	70,439	18	55,570
3	Mt. Olive & Staunton Coal Co., No. 2	6	23,593	11	44,212	13	49,449	19	72,877	14	52,974
4	Lumaghi Coal Co., No. 2	10	26,094	10	28,156	14	35,480	16	40,012	12	31,497
5	Madison Coal Corporation, No. 2	14	27,572	16	31,097	18	35,116	18	32,526	17	30,902
6	Donk Bros. Coal & Coke Co., No. 1	..	.....	..	.....	..	.....	11	13,212	18	32,016
7	Donk Bros. Coal & Coke Co., No. 3	14	14,657	23	23,442	23	23,875	17	17,515	9	9,681
8	Kerns-Donnewald Coal Co.	..	.....	..	.....	12	11,240	17	18,468	15	14,904
9	City Coal Co.	14	886	17	1,048	18	1,523	21	2,528	21	2,427
10	Edwardsville Home Trade Coal Co.	11	934	10	1,056	17	1,375	21	2,340	22	2,616
	Total and average	9	212,557	14	241,321	16	285,709	18	372,304	16	318,000
	MARION COUNTY—EIGHTH DISTRICT.										
1	Marion County Coal Co.	20	39,084	12	23,368	12	24,458	17	34,557	18	37,776
2	Chicago-Sandoval Coal Co., No. 2	26	29,123	22	25,666	23	26,817	18	20,357	2	2,976
3	Odin Coal Co.	16	14,276	15	13,857	20	18,945	20	18,698	22	20,218
4	Chicago-Sandoval Coal Co., No. 1	..	.....	..	.....	2	477	..	.....	..	.....
	Total and average	21	82,483	16	62,891	14	70,697	18	73,612	14	60,970
	The district	16	403,823	16	419,429	17	501,843	19	609,011	17	512,379
	ST. CLAIR COUNTY—NINTH DISTRICT.										
1	St. Louis & O'Fallon Coal Co., No. 2	14	53,415	12	46,804	16	62,064	20	75,532	20	76,677
2	Consolidated Coal Co., No. 17	13	34,128	12	30,505	12	30,022	14	37,557	14	36,909
3	Southern C., C. & M. Co., No. 8	4	9,020	..	.....	..	.....	10	21,147	14	30,753
4	Southern C., C. & M. Co., No. 7	1	349	7	10,726	10	15,286	7	12,002	4	7,550
5	Superior Coal & Mining Co.	11	8,560	14	10,348	14	10,233	16	12,237	17	13,912
6	Kolb Coal Co., No. 2	9	8,550	11	10,450	13	12,350	12	11,400	14	13,300
7	Suburban Coal & Mining Co.	10	6,463	12	7,603	13	8,764	14	9,757	17	11,751
8	Victoria Coal Co.	15	6,596	22	8,468	24	9,946	21	8,013	24	8,987
9	Kolb Coal Co., Fairbanks	8	5,736	9	6,453	10	7,170	12	8,604	13	9,321
10	Mulberry Hill Coal Co.	6	3,505	8	4,800	8	4,850	11	6,700	8	4,900
11	Columbia Coal Co.	..	.....	..	.....	..	.....	..	.....	14	3,638

Continued.

Number of days in operation and total tons of coal.																
December.		January.		February.		March.		April.		May.		June.		Total.		Number.
Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	
25	63,487	25	60,302	25	61,200	16	38,277	8	19,091	17	44,313	25	57,111	223	534,302	6
16	47,286	20	62,964	22	77,236	14	44,974	..	.....	..	.....	..	.....	93	280,793	7
23	30,816	24	34,264	24	32,790	18	26,039	..	.....	14	17,871	13	17,615	195	267,973	8
..	.....	15	15,372	25	30,945	13	16,676	15	19,690	11	14,187	12	16,052	158	214,821	9
24	11,106	24	12,526	24	12,571	13	5,063	13	5,693	15	6,498	9	3,744	161	75,948	10
21	562,143	22	606,764	21	643,942	16	478,817	15	361,247	13	323,080	13	289,039	182	5,251,808	
25	99,541	24	88,881	24	96,135	23	95,478	..	.....	..	.....	2	4,944	189	741,102	1
23	59,531	22	60,772	23	62,082	22	61,134	17	42,156	22	54,348	18	48,277	228	602,728	2
25	51,750	24	45,058	23	44,584	26	55,125	5	7,982	22	46,604	24	47,707	268	540,869	3
23	75,607	24	77,845	20	64,206	16	53,583	15	48,088	33	19,321	3	9,523	143	454,473	4
24	59,294	20	49,643	24	58,683	15	37,737	8	20,374	10	24,609	6	15,705	169	406,010	5
30	30,783	22	28,434	24	32,469	21	27,840	14	18,825	17	22,270	15	19,658	245	319,200	6
24	11,158	12	5,338	18	7,492	11	4,588	..	.....	..	.....	..	.....	157	59,500	7
24	387,064	21	355,971	22	365,651	19	335,485	12	137,425	15	167,152	11	145,814	200	3,123,882	
22	949,207	22	962,735	23	1,009,593	18	814,302	14	498,672	14	490,232	13	434,853	190	8,375,690	
12	5,589	15	6,903	15	6,806	12	5,960	1	301	12	4,785	11	4,993	133	56,482	1
18	52,956	21	54,402	24	61,530	21	58,833	..	.....	7	16,095	19	50,445	200	532,775	1
20	26,610	21	30,755	20	32,904	13	20,788	18	26,303	17	25,122	18	27,022	243	352,436	2
23	22,933	24	23,462	21	22,452	21	22,257	14	11,627	25	21,737	20	18,480	272	260,462	3
24	25,213	21	23,269	23	21,399	17	13,821	11	11,978	11	12,385	12	16,014	217	249,915	4
21	127,712	22	131,888	22	138,285	18	115,699	11	49,908	15	75,339	17	111,961	233	1,395,588	
25	116,595	24	112,342	24	111,500	21	100,017	6	24,147	16	73,574	10	46,423	207	961,726	1
23	72,795	24	70,479	25	73,718	17	53,031	13	39,915	23	70,212	25	77,741	242	753,444	2
21	82,040	20	78,125	20	78,278	20	77,076	9	32,752	15	58,066	12	46,843	180	696,285	3
17	43,876	20	48,189	18	45,397	10	25,839	5	14,859	8	19,633	11	26,751	151	385,693	4
19	35,627	23	43,977	21	41,243	17	31,462	..	.....	..	.....	9	16,926	172	326,448	5
25	49,457	25	48,549	25	49,790	19	37,828	..	.....	..	.....	..	.....	123	230,852	6
15	15,442	20	22,269	18	20,217	14	14,464	7	6,887	..	.....	7	4,520	167	172,969	7
18	19,423	19	20,724	24	22,604	19	20,296	..	.....	..	.....	16	14,271	140	141,930	8
26	3,674	25	3,524	22	3,293	21	2,672	11	1,300	8	988	8	790	212	24,653	9
24	3,010	23	2,848	21	2,632	17	2,015	8	766	10	895	24	3,190	208	23,677	10
21	441,939	22	451,026	22	448,672	18	364,700	8	120,626	13	223,368	14	237,455	180	3,717,677	
24	50,371	23	48,957	23	44,854	17	34,980	6	11,565	16	30,506	13	25,338	201	405,814	1
..	.....	23	22,336	24	26,213	21	24,019	13	14,404	19	21,221	22	25,716	213	238,848	2
22	21,601	25	22,816	24	22,687	22	19,874	20	17,988	21	19,340	14	12,747	241	223,047	3
11	3,981	24	10,130	25	12,565	9	5,097	..	.....	2	534	..	.....	73	32,784	4
19	75,953	24	104,239	24	106,319	17	83,970	13	43,957	15	71,601	16	63,801	182	900,493	
20	651,193	22	694,056	22	700,082	17	570,329	10	214,792	14	375,093	15	418,210	189	6,070,240	
21	78,563	24	86,887	20	81,283	19	71,083	7	25,632	12	42,140	15	50,148	200	750,228	1
16	42,358	20	50,769	17	44,548	14	36,556	2	6,110	3	5,844	6	12,619	143	367,925	2
11	23,272	14	28,861	24	52,453	23	54,918	10	20,476	17	37,615	13	29,882	140	308,397	3
6	8,358	21	30,670	22	33,891	25	41,819	8	11,754	2	2,801	6	7,852	119	183,058	4
22	16,795	22	16,750	17	13,026	19	14,398	5	3,553	7	5,301	12	9,038	176	134,151	5
11	10,450	13	12,350	10	9,500	13	12,350	11	10,450	13	14,350	8	5,647	138	131,117	6
17	12,119	20	14,544	16	11,315	18	12,915	8	4,033	..	.....	13	6,433	158	105,697	7
24	9,162	24	8,223	24	8,687	23	9,069	9	2,985	17	5,988	15	4,893	242	91,017	8
12	8,604	11	7,969	10	7,170	11	7,887	10	7,170	8	5,736	7	5,019	121	86,839	9
18	10,500	22	13,400	25	15,050	13	7,800	7	4,200	5	3,000	7	4,295	138	83,000	10
23	9,392	23	10,144	24	9,777	27	14,556	24	11,841	21	10,059	23	10,974	179	80,381	11

TABLE 26—

Number.	Name of operator.	Number of days in operation and total tons of coal.									
		July.		August.		September.		October.		November.	
		Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.
12	International Coal Mining Co., Carbon	18	11,116	10	5,871	22	9,211	21	9,144	17	7,277
13	Star Coal Co	5	1,445	6	1,934	16	5,824	25	10,225	25	10,225
14	Eldnar Coal Co	15	5,362	12	4,342	13	5,598	17	7,587	13	5,751
15	Northern Coal Co	13	8,250	9	5,000	4	1,500	9	3,000	10	3,650
16	Golden Rule Coal Co	5	2,056	6	2,594	10	4,177	10	3,994	7	3,189
17	New National Coal Mining Co	22	4,063	22	4,080	24	4,810	22	4,328	26	6,035
18	Abend Coal Co	..	.....	7	606	21	2,631	26	4,717	23	5,550
19	Prairie Coal Co	..	.....	..	.....	..	.....	..	.....	..	.....
20	Jones Bros. Coal Mining Co	..	.....	..	.....	..	.....	5	1,156	9	2,750
21	Egyptian Coal & Mining Co	..	.....	..	.....	13	3,354	10	2,580	8	2,064
22	H. E. Miller	5	1,420	9	2,573	10	2,930	14	4,087	15	4,035
23	Dozow Valley Coal Co	14	2,380	15	2,545	15	2,585	16	2,755	18	2,930
24	Pittsburg Mining Co	8	1,558	9	1,728	19	3,572	13	1,444	15	2,820
25	New Freeburg Coal Co	20	2,800	21	3,090	24	3,375	24	3,640	23	3,100
26	Highland Coal Co	5	942	6	979	16	1,582	25	2,582	25	2,593
27	Oakdale Coal & Mining Co	11	1,926	7	1,309	10	1,725	7	1,205	10	1,614
28	Fisher Fuel Co., St. Ellen	..	.....	..	.....	..	.....	..	.....	..	.....
29	Groom Coal Co	16	413	14	542	12	877	20	1,589	18	653
30	Peoples Coal Co	8	500	12	1,000	16	2,000	21	2,506	19	2,200
31	White Coal Co	..	.....	..	.....	..	.....	..	.....	..	.....
32	Fullerton Coal Co	..	.....	..	.....	..	.....	..	.....	..	.....
33	Reeb Coal Co	18	1,112	18	1,023	18	1,196	18	1,192	20	1,290
34	Summit Coal & Mining Co	..	.....	..	.....	..	.....	..	.....	..	.....
35	Mo. & Ill. Coal Co., Rentchler	..	.....	..	.....	..	.....	..	.....	..	.....
36	Southern C., C. & M. Co., No. 5	7	320	4	182	6	245	11	473	15	606
37	International Coal Mining Co., Taylor	..	.....	..	.....	..	.....	..	.....	..	.....
	Total and average	11	181,965	11	175,555	14	217,877	16	271,147	16	286,030
	JACKSON COUNTY—TENTH DISTRICT.										
1	Big Muddy Coal & Iron Co., No. 9	19	28,883	12	19,182	21	35,035	25	37,266	24	38,407
2	Jackson Coal Co	14	18,523	18	23,217	19	25,119	20	26,195	18	23,725
3	Gartside Coal Co., No. 4	6	2,340	16	6,240	16	6,240	23	8,970	21	8,190
4	Gus Blair Big Muddy Coal Co., No. 2	12	3,882	13	4,137	22	6,075	18	5,765	22	6,838
5	Big Muddy Coal & Iron Co., No. 10	..	.....	..	.....	..	.....	16	1,610	25	2,498
6	DeSoto-Peacock Coal Co	19	1,136	21	1,560	25	1,933	25	2,038	24	2,080
	Total and average	14	54,764	16	54,336	21	74,402	21	81,844	22	81,738
	PERRY COUNTY—TENTH DISTRICT.										
1	Majestic Coal & Coke Co	26	67,386	26	66,350	22	53,019	26	64,325	25	59,466
2	Security Coal & Mining Co	16	44,884	19	55,998	25	72,066	25	68,548	23	64,708
3	Paradise Coal Co	18	37,444	26	52,786	22	41,941	26	52,614	25	49,416
4	Willis Coal Mining Co., No. 1	2	1,392	25	30,387	16	18,633	15	19,343	18	22,897
5	Ritchey Coal Co	18	10,529	18	10,822	17	10,899	21	13,929	22	14,649
6	Granger Coal Co	22	10,741	16	8,025	20	8,326	15	5,608	24	9,412
7	St. Louis & Coulterville Coal Co	..	.....	..	.....	..	.....	8	3,239	16	10,186
8	Wilson Coal Co	22	2,523	22	2,507	22	2,575	22	3,374	23	3,431
9	Soper Coal Co	5	177	8	589	16	1,195	21	1,220	23	1,403
10	Collier Coal Co	25	5,572	20	4,440	15	3,330	..	.....	..	.....
11	Bailey Bros. Coal Co	3	376	3	318	7	600	18	1,376	16	1,294
	Total and average	16	181,024	18	232,222	18	212,586	20	233,576	22	236,862
	RANDOLPH COUNTY—TENTH DISTRICT.										
1	Willis Coal & Mining Co., No. 6	14	28,516	3	3,828	16	20,913	18	23,922	15	19,243
2	Illinois Fuel Co., No. 4	20	17,589	20	18,204	17	16,939	22	20,172	21	20,335
3	Moffat Coal Co	15	9,665	15	9,771	19	12,229	15	11,908	13	11,094
4	Jones Bros. Coal Mining Co., No. 2	11	9,257	13	11,603	18	15,583	15	12,949	9	7,659
5	Tilden Coal Co., Crystal	..	.....	20	6,600	20	6,600	20	6,600	20	6,600
6	West Side Coal Co	6	1,644	15	4,759	16	5,303	17	4,994	14	3,766
7	Randolph County Coal Co	20	8,056	19	7,680	21	8,502	5	2,106	..	.....
8	Wilson Bros. Coal Co., No. 7	..	.....	..	.....	..	.....	..	.....	..	.....
9	Tilden Coal Co., Tilden	..	.....	..	.....	..	.....	..	.....	..	.....
	Total and average	14	74,727	15	62,445	18	86,069	16	82,651	15	68,697

Continued.

Number of days in operation and total tons of coal.																
December.		January.		February.		March.		April.		May.		June.		Total.		Number.
Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	
10	6,791	18	9,255	19	9,425	12	6,778	5	2,471	4	2,288	2	726	158	80,353	12
26	10,714	24	10,227	25	10,225	23	10,247	4	1,956	6	2,934	11	4,379	196	80,335	13
19	8,756	20	8,772	23	10,695	16	7,175	8	3,500	8	3,450	17	8,134	181	79,122	14
12	4,500	10	4,500	..	.....	10	4,500	12	7,020	20	10,050	21	11,000	130	62,970	15
16	6,192	21	7,998	19	8,404	14	6,536	4	1,903	4	1,803	15	5,729	131	54,575	16
24	5,336	22	5,016	21	4,855	20	4,705	16	3,535	12	2,760	17	3,740	248	53,263	17
25	7,009	24	6,472	24	6,202	17	4,450	10	1,777	13	1,538	12	2,510	202	43,462	18
..	.....	14	13,882	15	17,266	4	4,893	4	4,356	..	.....	..	.....	37	40,397	19
16	5,890	21	9,293	23	12,176	5	3,077	2	949	5	2,689	2	717	88	38,697	20
23	5,934	23	5,934	16	4,128	3	774	26	6,450	19	5,210	..	.....	141	36,428	21
9	2,461	15	3,574	9	1,932	12	2,407	11	2,212	11	2,492	12	2,735	132	32,858	22
18	2,850	17	2,795	14	2,400	10	1,750	14	2,420	16	2,850	19	3,800	186	32,060	23
14	2,632	16	3,344	15	3,135	14	2,926	16	3,344	14	2,926	11	2,364	164	31,773	24
22	3,850	21	3,573	20	2,210	23	3,000	..	.....	..	.....	..	.....	201	28,640	25
26	3,097	26	3,141	24	3,189	25	2,886	15	1,461	12	1,256	6	264	211	23,972	26
5	806	10	1,613	14	2,967	12	2,722	15	3,728	5	974	14	2,832	120	23,421	27
..	.....	..	.....	13	12,797	6	6,229	..	.....	..	.....	..	.....	19	19,026	28
23	2,651	22	2,690	24	3,988	23	3,653	7	148	8	246	12	1,287	199	18,737	29
22	2,300	17	2,100	15	2,000	14	1,900	11	500	9	500	10	500	174	18,000	30
..	.....	3	596	11	2,174	11	2,223	20	3,909	11	2,291	14	2,883	70	14,076	31
..	.....	5	595	23	4,453	14	2,936	3	466	7	1,357	16	3,687	68	13,494	32
20	1,245	15	1,008	20	1,248	15	980	7	492	8	538	10	781	187	12,105	33
..	.....	..	.....	..	.....	4	216	16	1,050	16	2,240	20	2,980	56	6,486	34
..	.....	8	584	19	1,910	10	1,852	2	391	3	290	8	1,356	50	6,383	35
17	715	18	774	19	827	16	724	5	191	5	182	3	89	126	5,328	36
..	.....	3	954	5	2,302	1	748	..	.....	..	.....	..	.....	9	4,004	37
18	313,302	18	389,259	18	417,608	15	373,638	10	162,433	10	183,698	12	209,263	142	3,181,775	
25	37,677	20	27,899	11	16,513	19	29,329	11	18,684	13	21,519	14	24,524	214	334,918	1
20	25,211	22	28,237	24	30,926	20	25,119	12	16,333	11	15,463	10	13,652	208	271,720	2
17	6,630	24	9,360	25	9,750	19	7,410	10	3,900	9	3,477	9	3,478	195	75,985	3
7	7,365	25	8,184	22	7,546	22	6,867	12	4,534	12	3,943	15	5,146	218	70,282	4
26	5,405	25	7,020	24	8,760	14	5,394	2	455	..	.....	..	.....	132	31,142	5
24	2,124	18	1,542	22	2,235	25	2,319	21	1,695	15	1,347	18	1,591	257	21,600	6
23	84,412	22	82,242	21	75,730	20	76,438	11	45,601	12	45,749	13	48,391	204	805,647	
25	62,605	23	62,642	25	72,443	24	69,881	..	.....	12	30,105	19	56,945	253	665,167	1
25	76,181	24	67,971	23	66,559	18	47,588	..	.....	15	36,708	16	50,960	229	652,171	2
25	49,296	24	46,315	25	54,656	19	41,001	12	25,972	9	18,850	16	30,004	247	500,295	3
19	24,366	21	26,957	23	27,895	19	23,833	15	19,686	20	25,865	13	16,721	206	257,975	4
24	16,130	25	16,472	25	16,554	27	17,551	14	9,577	15	8,836	16	10,023	242	155,971	5
25	10,657	22	8,527	22	8,756	25	10,952	21	9,552	23	10,314	23	9,419	258	110,289	6
15	9,785	20	14,720	20	14,791	17	12,031	4	1,401	8	3,624	10	4,484	118	74,261	7
23	3,991	22	3,808	22	4,776	24	4,353	12	2,038	8	1,534	7	800	229	35,710	8
20	2,030	21	2,305	16	2,061	16	2,152	4	415	7	502	1	81	158	14,132	9
..	.....	..	.....	..	.....	..	.....	..	.....	..	.....	..	.....	60	13,342	10
16	1,488	19	1,749	23	2,209	10	939	3	372	3	452	4	646	125	11,819	11
22	256,529	22	251,466	22	270,706	20	230,281	11	69,013	12	136,790	13	180,083	193	2,491,132	
16	20,385	18	24,496	15	18,653	16	22,593	13	17,581	16	22,365	14	19,729	174	242,224	1
25	23,172	24	21,267	25	25,003	24	25,733	8	6,045	16	12,940	22	18,869	244	226,268	2
21	18,410	23	20,917	24	20,600	18	14,950	12	10,180	13	10,163	22	17,938	210	167,825	3
16	10,693	21	14,410	19	15,185	7	4,192	3	1,597	9	4,431	14	7,342	155	114,901	4
20	6,600	20	6,600	15	6,000	2	626	..	.....	..	.....	..	.....	137	46,226	5
19	5,255	23	6,902	14	4,053	13	3,437	5	1,051	11	3,138	3	771	156	45,073	6
..	.....	..	.....	4	807	26	8,468	..	.....	..	.....	..	.....	95	35,619	7
..	.....	5	2,706	17	10,382	..	.....	..	.....	..	.....	..	.....	22	13,088	8
10	1,960	25	4,925	20	3,920	2	405	..	.....	..	.....	..	.....	57	11,210	9
18	86,475	20	102,223	17	104,603	14	80,404	8	36,454	13	53,037	15	64,649	139	902,434	

TABLE 26—

Number.	Name of operator.	Number of days in operation and total tons of coal.									
		July.		August.		September.		October.		November.	
		Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Tons.	Days.
	WASHINGTON COUNTY—TENTH DISTRICT.										
1	Centralia Coal Co., No. 5	10	28,210	9	24,791	12	33,309	19	51,138	21	56,892
2	Nicholson Bros. Coal Co	16	1,973	16	2,483	17	2,735	20	3,909	20	3,279
3	Kuhn Colliery Co	....	.....	..	.....	..	.....	..	.....	10	648
	Total and average	13	30,183	13	27,274	15	36,044	19	55,047	17	60,819
	The district	15	340,698	16	376,277	18	409,101	19	453,118	20	448,116
	FRANKLIN COUNTY—ELEVENTH DISTRICT.										
1	Old Ben Coal Corporation, No. 8	12	54,262	11	54,605	19	88,259	23	104,965	15	70,467
2	Bell & Zoller Mining Co	23	84,795	25	87,533	22	79,083	25	90,746	22	87,805
3	Old Ben Coal Corporation, No. 9	16	44,855	20	57,672	22	67,051	13	41,068	23	76,660
4	Chi., Wilm. & Franklin C. Co., No. 1	8	24,612	13	41,977	19	67,154	24	83,439	19	64,673
5	United Coal Corporation, No. 2	11	38,009	16	55,820	22	82,822	24	92,593	21	82,611
6	Sesser Coal Co	23	61,132	23	66,477	23	60,953	25	66,681	23	59,625
7	Christopher Coal Mining Co., No. 1	15	39,243	15	40,863	24	62,522	25	62,780	23	63,059
8	Franklin Coal & Coke Co., No. 1	14	38,023	16	41,353	23	58,808	22	56,409	21	53,742
9	United Coal Corporation, No. 1	15	32,705	16	42,750	22	57,490	23	60,614	14	36,998
10	Christopher Coal Mining Co., No. 2	12	34,666	13	40,270	17	49,264	25	71,761	18	52,155
11	West Frankfort Coal Co	21	34,435	26	42,969	25	42,469	18	31,863	25	43,392
12	Benton Coal Co	17	37,577	19	41,004	19	41,014	24	50,145	20	41,923
13	Producers Coal Co., No. 19	9	11,718	11	19,587	22	42,285	20	35,106	19	36,509
14	W. P. Rend Colliery Co	7	13,251	9	20,155	11	21,335	17	27,033	17	30,546
15	Taylor Mining Co., P. R	9	12,126	12	16,009	14	17,988	16	20,358	12	15,400
16	Producers Coal Co., No. 18	11	14,278	11	14,176	19	24,294	20	23,977	24	24,755
17	John A. Logan Coal Co	....	.....	..	.....	8	5,642	24	17,976	18	17,519
18	Middle Fork Mining Co	15	1,578	14	1,770	17	2,577	18	2,955	16	2,476
19	Franklin Coal & Coke Co., No. 2	....	.....	..	.....	..	.....	12	2,237	17	5,837
	Total and average	14	577,355	16	684,990	19	871,010	21	942,706	19	866,152
	GALLATIN COUNTY—ELEVENTH DISTRICT.										
1	Gallatin Coal & Coke Co	11	2,129	11	2,129	11	2,129	12	2,130	12	2,129
2	Hickory Hill Coal Co	12	2,083	12	2,083	12	2,084	12	2,084	12	2,084
	Total and average	12	4,212	12	4,212	12	4,213	12	4,214	12	4,213
	SALINE COUNTY—ELEVENTH DISTRICT.										
1	Wasson Coal Co., No. 1	19	38,254	24	53,927	23	49,408	26	58,886	24	51,780
2	O'Gara Coal Co., No. 9	18	48,594	10	27,289	21	57,880	24	65,049	23	59,056
3	Saline County Coal Co., No. 3	....	.....	17	10,375	23	44,114	24	55,064	23	51,610
4	O'Gara Coal Co., No. 1	20	38,574	23	43,299	22	38,504	23	40,254	23	39,831
5	Eldorado Coal & Mining Co	17	28,086	13	20,508	23	37,621	23	39,765	20	32,882
6	Saline County Coal Co., No. 2	25	49,059	24	50,738	23	42,798	23	42,964	24	44,609
7	O'Gara Coal Co., No. 11	16	9,978	20	23,045	24	31,083	20	30,802	20	29,376
8	O'Gara Coal Co., No. 10	25	36,695	14	20,409	20	28,139	24	30,741	24	33,096
9	Saline County Coal Co., No. 6	24	23,800	12	11,214	22	20,224	21	20,654	21	22,614
10	Wasson Coal Co., No. 2	26	14,345	26	16,644	20	12,245	24	17,804	24	21,726
11	Harrisburg & B. Muddy C. Co., No. 12	....	.....	7	4,958	22	20,921	24	21,407	24	21,272
12	O'Gara Coal Co., No. 4	....	.....	..	.....	..	.....	..	.....	19	23,204
13	Harrisburg-Saline Colliers Co., No. 15	....	.....	..	.....	..	.....	15	8,145	24	19,765
14	O'Gara Coal Co., No. 8	....	.....	..	.....	..	.....	13	6,814	24	15,848
15	Harrisburg B. Muddy Coal Co., No. 14	....	.....	..	.....	..	.....	..	.....	..	.....
16	O'Gara Coal Co., No. 3	....	.....	..	.....	..	.....	..	.....	..	.....
17	Durham Coal Co	5	285	17	1,051	22	1,820	25	2,412	21	2,914
	Total and average	20	287,670	84	283,457	22	384,757	22	440,761	23	469,583
	WHITE COUNTY—ELEVENTH DISTRICT.										
1	White County Mining & Power Co	13	2,359	14	2,192	15	2,695	19	3,223	16	3,293
	The district	16	871,596	16	974,851	20	1,262,675	21	1,390,904	20	1,343,241

Continued.

Number of days in operation and total tons of coal.																
December.		January.		February.		March.		April.		May.		June.		Total.		Number.
Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	
25	65,010	24	63,032	25	71,491	17	47,710	13	33,517	18	47,916	14	37,928	207	560,944	1
20	3,586	20	3,205	20	3,144	17	2,553	16	1,910	22	4,354	16	1,561	220	34,692	2
9	610	20	2,153	22	2,842	10	1,199	..	.....	..	.....	..	.....	71	7,452	3
18	69,206	21	68,390	22	77,477	15	51,462	15	35,427	20	52,270	15	39,489	166	603,088	
21	496,622	21	504,321	20	528,510	17	438,585	11	186,495	13	287,846	13	332,612	176	4,802,301	
20	99,343	19	92,615	18	110,065	19	91,512	9	42,636	13	59,185	15	70,954	193	938,868	1
24	86,427	24	84,293	24	88,710	15	56,981	16	59,447	16	60,554	17	66,638	253	933,012	2
23	77,408	24	87,876	23	82,265	13	48,963	11	39,884	17	63,473	15	56,476	220	743,651	3
25	84,592	23	82,694	22	81,140	21	80,781	10	31,905	17	38,670	16	40,913	217	722,550	4
23	88,240	23	78,559	21	75,357	18	63,440	8	28,792	6	22,088	..	.....	193	708,421	5
25	60,397	24	60,578	23	61,184	12	26,860	15	35,238	19	52,487	23	61,958	258	673,570	6
23	59,127	25	67,127	25	68,644	23	63,153	19	46,648	24	61,889	14	36,907	255	671,962	7
21	57,725	19	57,003	17	53,088	14	42,361	5	15,307	19	52,929	20	46,836	211	573,584	8
22	59,132	24	61,401	23	64,277	14	49,143	2	5,441	14	37,608	25	64,606	214	572,165	9
25	78,159	24	71,300	23	73,115	9	27,505	..	.....	..	.....	8	23,799	174	521,994	10
25	46,567	25	48,200	22	44,568	18	36,810	5	10,245	10	21,914	15	32,850	235	436,282	11
21	42,515	22	46,340	25	51,208	13	25,178	14	26,698	..	.....	11	22,332	205	425,934	12
17	31,356	16	29,298	21	37,089	8	11,878	..	.....	..	.....	..	.....	143	254,826	13
19	32,955	24	37,340	24	35,878	20	28,837	..	.....	..	.....	..	.....	148	247,330	14
15	19,466	19	26,880	19	26,391	12	16,369	4	5,313	7	9,794	17	22,730	156	208,824	15
18	22,845	20	25,668	22	25,637	13	15,696	2	2,149	5	4,988	5	4,598	170	203,061	16
15	15,858	19	18,833	23	26,539	10	9,827	3	2,738	11	16,533	17	19,011	148	150,476	17
19	2,339	22	4,223	24	9,046	18	7,696	5	2,168	13	6,724	13	7,563	194	51,115	18
15	5,256	20	7,560	17	6,681	15	5,615	..	.....	..	.....	..	.....	96	33,186	19
21	969,707	22	987,788	22	1,020,882	15	708,605	9	354,609	14	508,836	15	578,171	194	9,070,811	
12	2,129	11	2,129	11	2,129	11	2,129	11	2,129	11	2,129	11	2,129	135	25,549	1
12	2,084	12	2,083	12	2,083	12	2,083	11	2,083	11	2,083	11	2,083	141	25,000	2
12	4,213	12	4,212	12	4,212	12	4,212	11	4,212	11	4,212	11	4,212	138	50,549	
24	53,264	23	48,121	20	45,689	21	47,187	17	39,965	18	39,052	20	47,505	259	573,038	1
21	50,283	22	53,859	21	54,491	16	41,106	2	4,489	6	36,217	4	28,363	188	526,676	2
23	50,828	24	50,896	21	49,382	20	49,138	12	30,026	22	52,872	22	53,764	231	498,069	3
22	38,043	20	34,007	21	36,231	20	34,439	..	.....	14	23,358	21	39,719	229	406,259	4
24	39,515	20	29,960	22	39,940	20	34,743	9	15,874	21	37,081	18	32,629	230	388,604	5
24	39,114	24	30,449	22	33,935	20	35,828	..	.....	..	.....	..	.....	209	369,494	6
20	29,439	20	31,087	20	32,570	20	32,883	10	32,501	10	32,746	10	36,546	210	352,050	7
20	32,972	20	31,087	20	32,570	20	32,883	..	.....	10	29,989	9	29,091	206	337,672	8
21	23,306	24	25,678	22	25,615	17	19,099	..	.....	10	10,724	11	14,678	205	217,606	9
25	21,834	23	18,735	22	18,284	22	17,627	20	6,082	23	6,014	22	6,209	277	177,549	10
21	17,914	24	23,555	20	18,096	22	20,975	..	.....	..	.....	..	.....	164	149,098	11
25	35,596	21	30,579	23	32,216	18	24,244	1	934	..	.....	..	.....	107	146,773	12
23	24,794	24	27,853	22	28,497	18	22,872	..	.....	..	.....	..	.....	126	131,926	13
23	17,410	24	18,794	21	16,449	22	18,608	..	.....	..	.....	..	.....	127	93,923	14
..	.....	18	9,748	22	17,357	21	19,805	..	.....	..	.....	..	.....	61	46,910	15
..	.....	8	1,679	21	14,680	20	18,582	..	.....	..	.....	..	.....	49	34,941	16
10	1,900	20	3,646	20	3,944	20	4,077	6	507	14	1,774	13	2,144	193	26,474	17
22	476,212	21	469,733	21	499,946	20	474,096	10	130,378	15	269,827	15	290,642	181	4,477,062	
14	2,876	9	2,067	16	3,421	11	4,460	2	565	..	.....	..	.....	129	27,151	1
21	1,453,008	21	1,463,800	21	1,528,461	17	1,191,373	9	489,764	14	782,875	15	873,025	184	13,625,573	

TABLE 26—

Number.	Name of operator.	Number of days in operation and total tons of coal.									
		July.		August.		September.		October.		November.	
		Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.
	WILLIAMSON COUNTY—TWELFTH DISTRICT.										
1	Johnston City Coal Co	15	40,067	17	49,308	19	56,732	18	51,810	19	56,710
2	Peabody Coal Co., No. 3	10	21,021	24	56,672	22	60,697	23	60,894	24	60,499
3	W. P. Rend Coal & Coke Co	21	51,208	11	30,723	17	50,477	19	56,894	17	42,691
4	Madison Coal Corporation, No. 9	8	18,882	16	42,441	13	34,628	20	49,546	24	60,151
5	Big Muddy Coal & Iron Co., No. 7	23	41,242	22	38,652	23	40,679	24	45,541	19	36,729
6	Searls Coal Co	20	30,058	22	34,360	21	37,498	19	36,758	20	38,965
7	Big Muddy Coal & Iron Co., No. 8	11	17,305	15	21,533	24	45,093	24	44,838	20	47,233
8	Madison Coal Coporation, No. 8	11	20,413	16	32,068	12	24,080	18	34,705	23	45,180
9	Western Coal & Mining Co	19	29,730	19	28,809	20	28,945	22	33,415	20	30,807
10	Consolidated Coal Co	10	16,695	11	18,680	18	24,154	17	24,392	20	29,956
11	Sunnyside Coal Co	12	18,916	15	23,560	19	29,280	20	30,962	20	31,728
12	West Virginia Coal Co	17	21,562	17	21,751	19	22,328	21	26,264	21	26,073
13	Taylorville Mining Co., No. 2	9	13,103	9	13,633	17	28,661	15	24,998	14	22,332
14	Chicago & Big Muddy C. & C. Co	13	15,261	15	17,637	19	22,324	23	26,845	16	19,489
15	Hafer Washed Coal Co., No. 3	9	12,796	12	17,241	17	25,004	20	29,453	15	22,138
16	Chicago & Carterville Coal Co., B	13	17,446	14	19,090	20	29,222	21	29,670	19	26,696
17	Scranton & Big Muddy C. M. Co	14	14,439	12	11,421	17	16,950	20	18,874	18	17,613
18	Williamson County Coal Co	16	16,684	21	23,475	22	25,090	18	20,540	25	27,329
19	Chicago & Carterville Coal Co., A	....	.....	..	.....	..	.....	..	.....	1	854
20	Pond Creek Coal Co	11	10,579	17	17,486	24	23,206	25	23,769	15	15,281
21	Big Muddy Fuel Co	12	12,405	13	12,515	21	21,794	21	19,272	17	17,579
22	Taylor Mining Co., No. 1	10	12,940	10	13,454	10	12,422	12	16,954	15	18,448
23	Carterville & Herrin Coal Co	15	11,204	18	12,598	24	15,630	20	15,322	15	12,911
24	St. Louis-Carterville Coal Co	21	6,669	19	5,914	23	6,852	19	8,817	18	9,762
25	New Enterprise Coal Co	20	7,491	16	6,009	18	8,234	21	11,269	20	9,376
26	Watson Coal Co., No. 2	8	2,543	15	5,360	20	7,355	18	7,464	17	6,561
27	Peabody Coal Co., No. 2	14	10,256	11	6,950	3	1,013	17	13,039	4	2,698
28	Cambria Coal Co	....	.....	..	.....	..	.....	..	.....	22	1,754
29	Carterville & Big Muddy Coal Co	....	.....	9	1,900	..	.....	..	.....	..	.....
30	J. S. McNeill Coal Co	17	600	12	400	25	1,200	25	1,300	20	900
	Total and average	14	491,515	15	583,640	19	699,548	20	763,605	18	738,443

Table 27 shows by districts the average number of days worked and

TABLE 27—NUMBER OF TONS PRODUCED AND THE AVERAGE NUMBER OF

Districts.	Number of days in operation									
	July.		August.		September.		October.		November.	
	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.
First	13	87,844	14	106,785	17	125,758	19	136,652	19	144,509
Second	15	99,875	15	104,983	16	110,669	19	143,166	21	152,726
Third	15	174,708	17	191,836	19	216,871	21	256,820	19	263,290
Fourth	13	108,652	13	119,025	17	146,869	18	178,760	20	191,348
Fifth	15	361,956	15	355,741	18	383,363	20	439,633	20	450,895
Sixth	15	297,918	18	362,256	20	426,929	22	555,133	19	516,866
Seventh	12	502,157	15	557,075	17	635,438	18	733,398	18	788,028
Eighth	16	403,823	16	419,429	17	501,843	19	609,011	17	512,379
Ninth	11	181,965	11	175,555	14	217,877	16	271,147	16	286,030
Tenth	15	340,698	16	376,277	18	409,101	19	453,118	20	448,116
Eleventh	16	871,596	16	974,851	20	1,262,675	21	1,390,904	20	1,343,241
Twelfth	14	491,515	15	583,640	19	699,548	20	763,605	18	738,443
The State	14	3,922,707	15	4,327,453	18	5,136,941	19	5,931,347	19	5,835,871

Concluded.

Number of days in operation and total tons of coal.																
December.		January.		February.		March.		April.		May.		June.		Total.		Number.
Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	
23	68,673	25	71,913	25	71,848	21	62,023	11	20,527	24	41,398	26	36,522	243	627,531	1
25	64,662	24	60,228	24	61,402	24	62,157	13	32,457	14	35,595	12	29,624	239	605,908	2
18	45,927	22	59,263	17	46,532	16	43,793	8	20,325	13	35,852	12	33,453	191	517,138	3
23	57,276	24	57,987	22	54,545	19	44,807	12	28,283	9	21,218	15	36,815	205	506,579	4
25	41,659	24	45,014	24	47,780	26	42,149	23	33,907	22	27,393	18	32,538	273	473,283	5
21	41,216	24	50,858	24	52,455	20	44,817	16	33,714	16	34,170	13	23,236	236	458,105	6
23	54,608	21	47,398	23	51,641	19	45,498	8	11,075	26	45,519	13	13,195	222	444,936	7
24	48,370	23	44,879	24	45,617	20	39,557	11	23,180	10	20,132	15	29,270	207	407,451	8
23	31,226	25	34,947	20	27,388	24	35,039	22	27,905	22	30,412	24	32,552	260	371,175	9
24	38,778	24	44,699	16	34,314	15	31,380	11	21,773	15	30,068	14	26,431	195	341,320	10
17	26,869	18	31,243	20	35,967	18	29,539	12	11,970	13	19,632	14	19,475	198	309,141	11
20	24,584	24	31,317	16	19,668	23	32,758	10	11,796	7	8,338	15	11,989	210	258,428	12
17	27,992	20	31,829	20	31,628	15	25,012	9	13,817	4	5,506	11	17,710	160	256,221	13
18	21,229	20	23,758	23	26,203	25	25,426	9	6,903	14	11,415	15	12,875	210	229,365	14
19	27,285	20	26,884	18	24,232	13	17,044	..	.....	7	8,515	9	10,934	159	221,526	15
20	19,528	20	19,322	20	25,618	14	16,591	..	.....	..	.....	..	.....	161	203,183	16
20	22,720	23	24,816	16	19,177	19	23,563	3	2,642	15	15,865	11	11,690	188	199,770	17
23	21,131	22	21,616	20	12,787	21	12,198	2	1,448	..	.....	23	12,381	213	194,679	18
16	27,252	20	37,330	23	46,147	14	30,198	..	.....	10	21,522	12	24,450	96	187,753	19
19	19,189	24	25,057	17	19,240	19	21,812	..	.....	7	4,798	8	6,737	186	187,154	20
16	16,386	20	19,872	25	25,113	14	15,759	..	.....	12	11,110	11	11,688	182	183,493	21
12	16,989	16	19,462	17	20,477	14	17,879	7	8,666	10	12,857	3	3,000	136	173,548	22
19	16,569	20	17,458	23	17,924	24	17,626	..	.....	16	9,473	18	11,280	212	157,995	23
24	12,404	23	12,374	18	10,365	13	7,998	10	4,815	19	11,689	13	8,257	220	105,916	24
19	9,661	20	9,264	19	10,465	21	11,004	4	1,575	11	4,330	10	5,444	199	94,122	25
20	8,342	23	8,499	8	1,917	22	7,997	9	2,697	24	7,813	16	6,040	200	72,588	26
..	.....	..	.....	1	418	1	702	1	741	1	606	..	.....	53	36,423	27
4	3,302	23	4,006	20	4,245	26	5,975	20	4,263	26	5,602	13	2,973	174	32,120	28
..	.....	4	710	17	6,478	4	1,564	..	.....	..	.....	12	4,756	46	15,408	29
4	200	3	150	15	500	1	50	6	300	26	1,200	26	1,200	180	8,000	30
20	814,027	21	882,153	19	852,091	18	771,915	10	324,779	15	482,028	14	476,515	188	7,880,259	

the tonnage produced by months.

DAYS WORKED, EACH MONTH OF THE FISCAL YEAR, BY DISTRICTS.

and total tons of coal produced.

December.		January.		February.		March.		April.		May.		June.		Total.		District.
Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	
22	166,064	22	154,445	22	165,504	19	130,558	11	63,653	12	63,580	14	61,341	193	1,406,693	1
23	182,305	23	177,974	24	193,564	20	158,265	14	94,984	15	108,534	15	103,113	209	1,630,158	2
22	314,026	22	307,636	23	335,700	21	273,084	13	156,138	14	185,461	14	186,957	215	2,862,527	3
22	213,907	22	223,117	23	240,740	21	209,275	8	50,307	15	113,791	12	105,518	189	1,901,309	4
21	496,732	23	574,815	23	606,242	20	524,048	14	333,133	15	377,143	15	373,460	216	5,277,161	5
21	597,592	23	725,361	22	717,758	19	579,406	11	152,970	11	157,226	12	180,135	174	5,209,550	6
22	949,207	22	962,735	23	1,009,593	18	814,302	14	498,672	14	490,232	13	434,853	190	8,375,690	7
20	651,193	22	694,056	22	700,082	17	570,329	10	214,792	14	375,093	15	418,216	189	6,070,240	8
18	313,302	18	389,259	18	417,608	15	373,638	10	162,433	10	183,698	12	209,263	142	3,181,775	9
21	496,622	21	504,321	20	528,510	17	438,585	11	186,495	13	287,846	13	332,612	176	4,802,301	10
21	1,453,008	21	1,463,800	21	1,528,461	17	1,191,373	9	489,764	14	782,875	15	873,025	184	13,625,573	11
20	814,027	21	882,153	19	852,091	18	771,915	10	324,779	15	482,028	14	476,515	188	7,880,259	12
21	6,647,985	21	7,059,672	21	7,295,853	18	6,034,778	11	2,728,120	13	3,607,507	14	3,755,002	185	62,283,236	

Table 28. In this table is shown the number of mines, men and days for all mines and shipping and local mines by districts.

TABLE 28—DAYS OF ACTIVE OPERATION, BY DISTRICTS.

District.	All mines.			Shipping mines.			Local mines.		
	Mines.	Men.	Days.	Mines.	Men.	Days.	Mines.	Men.	Days.
First	50	3,900	169	17	3,382	193	33	518	156
Second	80	3,649	167	8	3,234	209	72	415	164
Third	93	5,175	172	22	4,777	215	71	398	159
Fourth	208	3,311	145	18	2,760	189	190	551	142
Fifth	53	6,116	177	22	5,883	216	31	233	149
Sixth	31	7,561	179	26	7,429	174	5	132	184
Seventh	28	8,391	188	17	8,327	190	11	64	186
Eighth	31	6,189	187	19	6,099	189	12	90	185
Ninth	54	4,047	161	37	3,844	142	17	203	204
Tenth	60	5,330	160	29	5,192	176	31	138	146
Eleventh	70	13,668	149	39	13,569	184	31	99	107
Twelfth	45	8,582	177	30	8,502	189	15	80	154
The State	803	75,919	163	284	72,998	185	519	2,921	151

Table 29 shows the items given in Table 28 for 17 years.

TABLE 29—DAYS OF ACTIVE OPERATION FOR A SERIES OF 17 YEARS.

Year.	Mines, men and average days worked.								
	All mines.			Shipping mines.			Local mines.		
	Mines.	Men.	Days.	Mines.	Men.	Days.	Mines.	Men.	Days.
1900	920	39,384	183	323	36,298	214	597	3,084	166
1901	915	44,143	174	331	40,940	204	584	3,217	157
1902	915	46,005	179	332	42,807	210	583	3,198	162
1903	933	49,814	192	353	46,494	222	580	3,320	171
1904	932	54,774	198	380	51,384	213	552	3,399	185
1905	990	59,230	174	397	55,743	198	593	3,487	158
1906	1,018	62,283	172	419	58,851	189	559	3,432	160
1907	933	66,714	184	411	63,154	200	522	3,500	164
1908	922	70,841	171	407	67,470	191	515	3,371	161
1909	886	72,733	168	384	69,518	189	502	3,215	155
1910	881	74,634	171	390	71,520	179	491	3,114	165
1911	845	77,410	165	387	74,508	169	458	2,902	162
1912	879	79,411	160	380	76,407	172	499	3,004	152
1913	840	79,497	170	371	76,855	179	469	2,642	163
1914	796	80,035	162	340	77,262	174	456	2,773	153
1915	779	75,607	158	280	72,227	172	499	3,380	151
1916	803	75,919	163	284	72,998	185	519	2,921	151

CLASSIFICATION OF EMPLOYEES.

Table 30 is a classification of the employees of the shipping mines by districts and of the local mines for the State.

TABLE 30—CLASSIFICATION OF EMPLOYEES IN SHIPPING MINES BY DISTRICT, ALSO THE EMPLOYEES OF LOCAL MINES.

District.	All employees under ground.				Employees above ground.			Grand total.
	Miners.	Other employees.	Boys.	Total.	Boys.	Other employees.	Total.	
First	2,393	610	63	3,066	5	311	316	3,382
Second	2,308	616	96	3,020	9	205	214	3,234
Third	3,263	1,038	103	4,404	3	370	373	4,777
Fourth	1,517	1,012	27	2,556	.....	204	204	2,760
Fifth	2,162	3,213	70	5,445	5	433	438	5,883
Sixth	4,762	2,018	143	6,923	5	501	506	7,429
Seventh	1,042	6,632	147	7,821	9	497	506	8,327
Eighth	813	4,638	132	5,583	5	511	516	6,099
Ninth	1,228	2,283	48	3,559	7	278	285	3,844
Tenth	1,981	2,671	130	4,782	2	408	410	5,192
Eleventh	412	11,503	209	12,124	6	1,439	1,445	13,569
Twelfth	3,093	4,343	179	7,615	4	883	887	8,502
Total	24,974	40,577	1,347	66,898	60	6,040	6,100	72,998
Local mines	2,298	170	60	2,528	2	391	393	2,921
The State	27,272	40,747	1,407	69,426	62	6,431	6,493	75,919

Table 31 is a classification of the employees of all mines for 18 years.

TABLE 31—CLASSIFICATION OF EMPLOYEES IN ALL MINES FOR 18 YEARS.

Year.	All employees under ground.				All employees above ground.			Grand total.
	Miners.	Other employees.	Boys.	Total.	Boys.	Others.	Total.	
1899	26,449	5,455	1,295	33,199	.....	3,792	3,792	36,991
1900	27,875	6,047	1,281	35,203	.....	4,181	4,181	39,384
1901	30,829	7,595	1,326	39,750	.....	4,393	4,393	44,143
1902	32,875	7,273	1,397	41,518	.....	4,487	4,487	46,005
1903	34,904	8,526	1,276	44,703	.....	5,111	5,111	49,814
1904	37,987	9,812	1,562	49,361	.....	5,413	5,413	54,774
1905	41,202	10,694	1,540	53,436	.....	5,794	5,794	59,230
1906	42,920	11,605	1,499	56,024	.....	6,259	6,259	62,283
1907	45,498	13,026	1,595	60,119	.....	6,596	6,596	66,714
1908	48,931	13,929	1,564	64,424	.....	6,417	6,417	70,841
1909	50,834	13,788	1,752	66,374	71	6,288	6,359	72,733
1910	39,069	28,137	1,154	68,360	47	6,227	6,274	74,634
1911	39,912	30,052	1,009	70,973	71	6,366	6,437	77,410
1912	39,149	31,687	1,526	72,362	75	6,974	7,049	79,411
1913	35,401	35,662	1,430	72,493	82	6,922	7,004	79,497
1914	32,262	39,281	1,492	73,035	70	6,930	7,000	80,035
1915	29,560	38,622	1,190	69,372	102	6,133	6,235	75,607
1916	27,272	40,747	1,407	69,426	62	6,431	6,493	75,919

Table 32 classifies the employees of shipping mines by occupation and shows the number employed in each occupation.

TABLE 32—CLASSIFICATION OF EMPLOYEES IN SHIPPING MINES.

Number.	Name of operator.	Post-office address of mine.	Number of employees in each occupation.										Total classified.	Number not classified.	Total number of employees.	Number of employees under ground.	Number of employees above ground.	Number.
			Cagers.	Drivers.	Laborers.	Loaders.	Machinemen.	Miners.	Shot firers.	Timbermen.	Trackmen.	Trappers.						
	GRUNDY COUNTY—FIRST DISTRICT.																	
1	Chi., Wilm. & Franklin Coal Co., No. 3	South Wilmington.	5	34	21	.....	.....	395	.....	6	6	2	469	35	504	478	26	1
2	Wilmington Star Mining Co., No. 7	Coal City	2	15	.....	.....	.....	167	.....	.....	2	.....	186	38	224	204	20	2
	Total		7	49	21	.....	.....	562	.....	6	8	2	655	73	728	682	46	
	LASALLE COUNTY—FIRST DISTRICT.																	
1	Oglesby Coal Co	Oglesby	5	32	19	.....	.....	280	.....	2	4	.....	342	40	382	349	33	1
2	LaSalle County Carbon Coal Co	Cedar Point	4	19	24	.....	.....	276	.....	4	3	7	337	43	380	346	34	2
3	LaSalle County Carbon Coal Co., No. 1	LaSalle	4	15	26	.....	.....	231	.....	2	2	3	277	80	357	320	37	3
4	LaSalle County Carbon Coal Co., Union	..do	2	17	18	.....	.....	183	.....	.....	2	1	223	28	251	222	29	4
5	Chi., Wilm. & Franklin Coal Co., No. 3	Streator	2	8	15	.....	.....	125	.....	8	2	2	162	20	182	166	16	5
6	Illinois Zinc Co., No. 3	Peru	2	7	1	.....	.....	99	.....	.....	1	1	111	27	138	124	14	6
7	Illinois Zinc Co., No. 1	Deer Park	.....	6	12	.....	.....	60	.....	2	1	.....	81	14	95	81	14	7
8	LaSalle County Carbon Coal Co., LaSalle	LaSalle	2	10	10	20	8	100	.....	.....	2	1	153	32	185	163	22	8
9	Acme Coal Co	Streator	2	8	7	.....	.....	75	.....	3	2	3	100	14	114	101	13	9
10	Hakes-Lyon Coal Co	Rutland	1	5	.....	.....	.....	48	.....	2	1	2	59	10	69	59	10	10
11	G. & J. Coal Co., No. 1	Seneca	1	2	.....	.....	.....	31	.....	1	1	.....	36	4	40	36	4	11
	Total		25	129	126	20	8	1,508	.....	24	21	20	1,881	312	2,193	1,967	226	
	LIVINGSTON COUNTY—FIRST DISTRICT.																	
1	Fairbury Coal Co., West	Fairbury	1	3	16	.....	.....	20	2	2	1	.....	45	.....	45	39	6	1
2	Murphy, Linskey, Kasher Coal Co	Pontiac	1	3	.....	.....	.....	37	.....	2	1	.....	44	8	52	44	8	2
	Total		2	6	16	.....	.....	57	2	4	2	.....	89	8	97	83	14	
	WILL COUNTY—FIRST DISTRICT.																	
1	Wilm. Coal Mining & Mfg. Co., No. 6	Torino	2	13	18	.....	.....	150	.....	4	2	1	190	20	210	196	14	1
2	Murphy, Linskey, Kasher Coal Co	Braidwood	1	9	6	.....	.....	116	.....	5	1	.....	138	16	154	138	16	2
	Total		3	22	24	.....	.....	266	.....	9	3	1	328	36	364	334	30	
	The district		37	206	187	20	8	2,393	2	43	34	23	2,953	429	3,382	3,066	316	
	BUREAU COUNTY—SECOND DISTRICT.																	
1	St. Paul Coal Co., No. 2	Cherry	5	36	7	.....	.....	579	.....	9	4	12	652	118	770	723	47	1
2	Springvalley Coal Co., No. 3	Springvalley	2	36	50	.....	.....	466	.....	3	4	14	575	30	605	573	32	2

3	Springvalley Coal Co., No. 1	..do	2	36	44	35	6	456	.....	3	4	22	608	40	648	620	28	3
4	Illinois Third Vein Coal Co., No. 1	Ladd	3	37	38	.....	.....	386	.....	5	4	12	485	57	542	500	42	4
5	Springvalley Coal Co., No. 5	Dalzell	2	17	30	.....	.....	157	.....	6	3	5	220	26	246	225	21	5
	Total		14	162	169	35	6	2,044	.....	26	19	65	2,540	271	2,811	2,641	170	
	MERCER COUNTY—SECOND DISTRICT.																	
1	Coal Valley Mining Co., No. 3	Matherville	4	18	12	.....	.....	117	2	1	4	.....	158	38	196	173	23	1
2	Alden Coal Co., No. 7	..do	2	17	10	.....	.....	120	2	.....	2	2	155	21	176	166	10	2
3	Coal Valley Mining Co., No. 2	Sherrard	1	4	2	.....	.....	27	2	1	1	.....	38	13	51	40	11	3
	Total		7	39	24	.....	.....	264	6	2	7	2	351	72	423	379	44	
	The district		21	201	193	35	6	2,308	6	28	26	67	2,891	343	3,234	3,020	214	
	MARSHALL COUNTY—THIRD DISTRICT.																	
1	Toluca Coal Co.	Toluca	8	37	10	.....	.....	505	.....	5	5	12	582	125	707	631	76	1
2	Wenona Coal Co	Wenona	3	18	40	.....	.....	250	.....	2	3	1	317	5	322	304	18	2
	Total		11	55	50	.....	.....	755	.....	7	8	13	899	130	1,029	935	94	
	MENARD COUNTY—THIRD DISTRICT.																	
1	Athens Coal Co	Athens	2	13	10	.....	.....	115	2	4	4	2	152	4	156	143	13	1
	PEORIA COUNTY—THIRD DISTRICT.																	
1	Wolschlag Co-operative Coal Co	Peoria	.....	8	10	.....	.....	155	2	2	2	1	180	5	185	176	9	1
2	Brewster & Evans Coal Co	..do	.....	11	20	.....	.....	197	2	2	5	3	240	3	243	233	10	2
3	Clark Coal & Coke Co	..do	3	12	4	.....	.....	180	2	3	4	1	209	31	240	226	14	3
4	Crescent Coal Co	..do	.....	9	.....	20	4	175	2	2	4	3	219	31	250	220	30	4
5	Logan Coal Co	do	3	8	4	76	12	.....	2	1	4	.....	110	15	125	117	8	5
6	Warsaw Coal Co	Edwards	.....	5	1	.....	.....	69	2	.....	2	.....	79	13	92	80	12	6
7	Newsam Bros	Glasford	2	6	.....	.....	.....	71	2	4	4	2	91	7	98	91	7	7
8	Collier Co-operative Coal Co	Bartonville	1	2	.....	.....	.....	31	2	.....	.....	.....	36	4	40	36	4	8
9	German Coal Co	Mapleton	.....	2	.....	24	4	.....	.....	.....	1	.....	31	.....	31	27	4	9
10	Lancaster Ldg. C. & Transfer Co	Kingston Mines	.....	6	8	.....	.....	26	2	.....	1	1	44	10	54	44	10	10
11	Mapleton Coal Co	Mapleton	.....	3	.....	.....	.....	30	2	.....	1	.....	36	1	37	34	3	11
	Total		9	72	47	120	20	934	20	14	28	11	1,275	120	1,395	1,284	111	
	PUTNAM COUNTY—THIRD DISTRICT.																	
1	St. Paul Coal Co	Granville	5	29	4	.....	.....	626	.....	8	3	12	687	100	787	735	52	1
2	B. F. Berry	Standard	2	27	25	.....	.....	400	.....	6	3	10	473	33	506	463	43	2
	Total		7	56	29	.....	.....	1,026	.....	14	6	22	1,160	133	1,293	1,198	95	
	TAZEWELL COUNTY—THIRD DISTRICT.																	
1	Tazewell Coal Co	Pekin	2	15	6	120	22	.....	.....	2	3	2	172	14	186	172	14	1
2	Groveland Mining Co	Peoria	2	10	.....	100	12	25	2	2	3	1	157	30	187	174	13	2

TABLE 32—Continued.

Number.	Name of operator.	Post-office. address of mine.	Number of employees in each occupation. Cagers.	Drivers.	Laborers.	Loaders.	Machine-men.	Miners.	Shot firers.	Timber-men.	Track-men.	Trap-pers.	Total classified.	Number not classified.	Total number of employees.	Number of employees under ground.	Number of employees above ground.	Number.
3	Lake Erie Coal Mining Co.	East Peoria	.....	2	.....	.....	.....	22	2	.....	1	.....	27	2	29	27	2	3
4	Ubben Coal Co.	Pekin	1	2	3	10	2	14	2	1	1	.....	36	3	39	36	3	4
	Total		5	29	9	230	36	61	6	5	8	3	392	49	441	409	32	
	WOODFORD COUNTY—THIRD DISTRICT.																	
1	Roanoke Coal Co.	Roanoke	2	18	30	.....	.....	242	.....	2	2	5	301	4	305	289	16	1
2	Minonk Coal Co.	Minonk	2	8	4	.....	.....	130	.....	.....	2	.....	146	12	158	146	12	2
	Total		4	26	34	.....	.....	372	.....	2	4	5	447	16	463	435	28	
	The district		38	251	179	350	56	3,263	28	46	58	56	4,325	452	4,777	4,404	373	
	FULTON COUNTY—FOURTH DISTRICT.																	
1	Big Creek Coal Co., No. 2	St. David	1	18	18	158	26	25	2	4	4	8	264	30	294	271	23	1
2	Big Creek Coal Co., No. 4	Dunfermline	3	14	6	120	18	20	2	4	4	6	197	43	240	225	15	2
3	Silver Creek Colliery Co., No. 1	Farmington	4	10	1	.....	.....	215	2	.....	5	2	239	24	263	248	15	3
4	Star Coal Co., No. 3	Cuba	2	14	.....	.....	.....	145	2	2	2	3	170	21	191	179	12	4
5	Monmouth Coal Mining Co., No. 1	Brereton	3	9	5	.....	.....	140	2	3	6	2	170	20	190	174	16	5
6	Maplewood Colliery Co., No. 2	Farmington	1	12	4	.....	.....	134	4	2	4	1	162	10	172	162	10	6
7	Alden Coal Co., No. 5	..do	2	15	12	.....	.....	137	2	2	3	1	174	14	188	174	14	7
8	Simmons Coal Co., Simmons	Canton	4	12	6	74	8	14	2	2	6	.....	128	10	138	128	10	8
9	National Coal Mining Co., National	Farmington	2	16	4	.....	.....	110	2	2	4	2	142	8	150	142	8	9
10	Eagle Mining Co., Eagle	Canton	2	8	3	.....	.....	104	2	3	1	2	125	13	138	125	13	10
11	Alden Coal Co., No. 8	Farmington	1	8	7	80	12	.....	2	2	2	.....	123	11	134	123	11	11
12	Spoon River Coal Co., No. 1	London Mills	1	9	3	.....	.....	75	2	.....	2	1	93	17	110	100	10	12
13	Alden Coal Co., No. 6	Norris	2	8	13	.....	.....	90	2	2	3	.....	120	13	133	119	14	13
14	Maplewood Coal Co., No. 1	Farmington	1	4	2	.....	.....	80	2	2	3	.....	94	11	105	98	7	14
15	Big Creek Coal Co., No. 3	Cuba	3	9	7	.....	.....	110	2	2	2	4	139	13	152	142	10	15
16	Star Coal Co., No. 2	..do	4	9	.....	.....	.....	66	2	1	1	1	84	10	94	85	9	16
17	Star Coal Co., No. 1	Fiatt	1	3	.....	.....	.....	28	.....	1	1	.....	34	4	38	34	4	17
18	Coal Creek Mining Co., Parville	Fairview	1	3	1	.....	.....	24	.....	.....	1	.....	30	.....	30	27	3	18
	Total		38	181	92	441	64	1,517	34	34	54	33	2,488	272	2,760	2,556	204	
	CHRISTIAN COUNTY—FIFTH DISTRICT.																	
1	Peabody Coal Co., No. 7	Taylorville	2	.....	30	375	100	.....	.....	6	22	.....	535	110	645	609	36	1
2	Peabody Coal Co., No. 8	..do	2	10	36	250	56	.....	.....	6	15	.....	375	40	415	379	36	2

3	Penwell Coal Mining Co.	Pana	2	12	36	.....	.....	230	.....	3	3	7	293	5	298	270	28	3
4	Peabody Coal Co., No. 21	Stonington	2	19	.....	199	28	.....	.....	2	9	10	269	73	342	321	21	4
5	Smith-Lohr Coal Mining Co.	Pana	4	12	40	.....	.....	197	.....	5	3	3	264	14	278	249	29	5
6	Springfield Coal Mining Co., No. 6	Taylorville	1	13	38	.....	.....	170	2	2	4	4	234	12	246	220	26	6
7	Assumption Coal Mining Co.	Assumption	2	10	.....	87	6	63	.....	4	2	3	177	15	192	170	22	7
8	Greenwood Coal Co.	Edinburg	1	3	3	.....	.....	10	.....	.....	.....	.....	17	.....	17	14	3	8
	Total		16	79	183	911	190	670	2	28	58	27	2,164	269	2,433	2,232	201	
	MACON COUNTY—FIFTH DISTRICT.																	
1	Manufacturers & Consumers Coal Co.	Decatur	2	12	15	.....	.....	143	.....	1	2	3	178	36	214	199	15	1
2	Decatur Coal Co.	..do	2	10	7	.....	.....	120	.....	4	2	2	147	15	162	147	15	2
	Total		4	22	22	.....	.....	263	.....	5	4	5	325	51	376	346	30	
	MOULTRIE COUNTY—FIFTH DISTRICT.																	
1	Lovington Coal Co.	Lovington	1	12	2	.....	.....	120	.....	.....	3	5	143	35	178	161	17	1
	SHELBY COUNTY—FIFTH DISTRICT.																	
1	Moweaqua Coal Mining Co.	Moweaqua	2	7	5	60	14	.....	.....	3	2	2	95	15	110	94	16	1
	VERMILION COUNTY—FIFTH DISTRICT.																	
1	Bunsen Coal Co., Vermilion	Westville	4	44	94	331	34	201	4	38	18	16	784	74	858	817	41	1
2	Bunsen Coal Co., No. 4	..do	3	31	52	.....	.....	541	4	36	20	10	691	68	759	722	37	2
3	Bunsen Coal Co., No. 3	..do	3	20	42	192	20	60	2	15	14	6	374	39	413	372	41	3
4	Producers Coal Co., No. 22	..do	2	10	10	.....	.....	179	2	6	4	2	215	33	248	226	22	4
5	Two Rivers Coal Co.	Danville	.....	.....	30	.....	.....	.....	.....	.....	.....	.....	30	.....	30	30	.....	5
6	Missionfield Coal Co., No. 3	..do	.....	7	.....	90	8	.....	2	2	2	2	113	25	138	130	8	6
7	Carbon Hill Coal Co.	..do	.....	.....	25	.....	.....	.....	.....	.....	.....	.....	25	.....	25	25	.....	7
8	Missionfield Coal Co., No. 2	..do	.....	6	.....	90	10	5	2	2	2	2	119	28	147	140	7	8
9	Danville Colliery Coal Co.	Catlin	2	5	2	.....	.....	80	2	4	1	.....	96	10	106	96	10	9
10	Sharon Coal Co.	Georgetown	2	4	.....	.....	.....	43	.....	2	.....	1	52	10	62	54	8	10
	Total		16	127	255	703	72	1,109	18	99	61	39	2,499	287	2,786	2,612	174	
	The district		39	247	467	1,674	276	2,162	20	135	128	78	5,226	657	5,883	5,445	438	
	LOGAN COUNTY—SIXTH DISTRICT.																	
1	Citizens Coal Mining Co.	Lincoln	2	12	3	.....	.....	117	2	3	2	3	144	22	166	146	20	1
2	Lincoln Mining Co.	..do	2	18	2	.....	.....	104	2	1	2	4	135	22	157	137	20	2
3	Latham Coal & Mining Co.	..do	4	16	5	.....	.....	220	2	7	5	3	262	39	301	281	20	3
	Total		8	46	10	.....	.....	441	6	11	9	10	541	83	624	564	60	
	M'LEAN COUNTY—SIXTH DISTRICT.																	
1	McLean Coal Co.	Bloomington	2	7	2	.....	.....	110	.....	4	4	.....	129	25	154	140	14	1
2	Colfax Co-operative Co.	Colfax	1	3	.....	.....	.....	14	2	2	1	.....	23	6	29	24	5	2
	Total		3	10	2	.....	.....	124	2	6	5	.....	152	31	183	164	19	

TABLE 32—Continued.

Number.	Name of operator.	Post-office address of mine.	Number of employees in each occupation. Cagers.	Drivers.	Laborers.	Loaders.	Machine-men.	Miners.	Shot firers.	Timber-men.	Track-men.	Trap-pers.	Total classified.	Number not classified.	Total number of employees.	Number of employees under ground.	Number of employees above ground.	Number.
	SANGAMON COUNTY—SIXTH DISTRICT.																	
1	Springfield Coal Mining Co., No. 2	Riverton	4	24	47	.....	.....	390	6	6	12	7	496	10	506	476	30	1
2	Peabody Coal Co., No. 6	Sherman	2	20	.....	.....	.....	314	6	8	8	5	363	34	397	371	26	2
3	Chi., Wilm. & Franklin Coal Co., No. 1	Thayer	6	38	67	294	52	.....	.....	8	9	18	492	8	500	462	38	3
4	Chicago-Springfield Coal Co	Springfield	4	31	8	.....	.....	204	4	6	9	8	274	18	292	273	19	4
5	Jones & Adams Coal Co	..do	1	28	32	.....	.....	375	6	10	10	3	465	45	510	474	36	5
6	Madison Coal Corporation, No. 6	Divernon	7	27	28	318	50	.....	.....	18	32	7	487	90	577	539	38	6
7	Springfield District Coal Mining Co., No. 4	Auburn	4	17	16	.....	.....	278	4	7	8	2	336	30	366	345	21	7
8	West End Coal Co	Springfield	2	11	3	.....	.....	197	2	2	4	3	224	20	244	238	12	8
9	Springfield Coal Mining Co., No. 5	..do	2	17	10	.....	.....	270	4	4	4	7	318	17	335	315	20	9
10	Citizens Coal Mining Co., B	..do	2	15	4	.....	.....	196	4	4	4	2	231	20	251	236	15	10
11	Sangamon Coal Co	..do	2	23	4	.....	.....	250	4	4	4	4	295	10	305	290	15	11
12	Montour Coal Co., No. 400	..do	1	12	9	.....	.....	148	2	1	3	1	177	32	209	191	18	12
13	Springfield District Coal Mining Co., No. 1	Andrew	3	16	12	.....	.....	189	2	4	7	2	235	33	268	247	21	13
14	Springfield District Coal Mining Co., No. 7	Springfield	14	15	15	.....	.....	280	4	4	4	4	340	4	344	330	14	14
15	Tuxhorn Coal Co	..do	2	18	6	.....	.....	202	3	2	3	4	240	15	255	240	15	15
16	Peabody Coal Co., No. 5	Pawnee	2	19	47	.....	.....	269	4	5	7	6	359	37	396	375	21	16
17	Spring Creek Coal Co.	Springfield	2	13	.....	.....	.....	113	2	2	2	.....	134	18	152	139	13	17
18	Auburn & Alton Coal Co.	Auburn	2	15	.....	.....	.....	120	2	4	4	3	150	15	165	150	15	18
19	Springfield Co-operative Coal Co	Springfield	2	10	10	.....	.....	108	2	2	2	3	139	18	157	144	13	19
20	Springfield District Coal Mining Co., No. 3	..do	3	15	.....	.....	.....	250	4	8	6	2	288	41	329	308	21	20
21	Williamson & Denney	Barclay	2	8	.....	.....	.....	44	.....	.....	2	.....	56	8	64	58	6	21
	Total		69	392	318	612	102	4,197	65	109	144	91	6,099	523	6,622	6,201	427	
	The district		80	448	330	612	102	4,762	73	126	158	101	6,792	637	7,429	6,923	506	
	MACOUPIN COUNTY—SEVENTH DISTRICT.																	
1	Superior Coal Co., No. 3	Gillespie	3	13	.....	392	48	.....	.....	12	36	6	510	145	655	622	33	1
2	Superior Coal Co., No. 2	..do	3	29	.....	374	98	.....	.....	8	28	5	545	142	687	644	43	2
3	Superior Coal Co., No. 1	..do	3	31	.....	390	118	.....	.....	12	32	10	596	127	723	690	33	3
4	Consolidated Coal Co., No. 14	Staunton	3	26	68	374	56	.....	.....	12	24	11	574	136	710	674	36	4
5	Consolidated Coal Co., No. 7	..do	2	22	67	321	32	.....	.....	8	22	12	486	64	550	525	25	5
6	Royal Colliery Co., Management, Chi., Wilm. & Franklin Coal Co	Virden	3	27	170	250	48	.....	.....	12	25	8	543	.....	543	493	50	6
7	Consolidated Coal Co., No. 15	Mt. Olive	3	27	81	365	60	.....	.....	11	18	11	576	34	610	587	23	7
8	Montour Coal Co., No. 403	Girard	3	22	20	.....	.....	242	4	4	4	8	307	21	328	308	20	8

9	Mt. Olive Coal Co., No. 5	Mt. Olive	2	16	20	140	40	.....	.....	10	8	.....	236	50	286	262	24	9
10	Carlinville Coal Co	Carlinville	4	8	25	.....	.....	115	3	3	2	1	161	.....	161	146	15	10
	Total		29	221	451	2,606	500	357	7	92	199	72	4,534	719	5,253	4,951	302	
	MONTGOMERY COUNTY—SEVENTH DISTRICT.																	
1	C. & E. I. Coal Property, No. 10	Nokomis	5	17	30	400	52	65	.....	16	36	.....	621	92	713	673	40	1
2	Shoal Creek Coal Co., No. 1	Panama	1	19	31	345	48	.....	4	8	14	14	484	36	520	496	24	2
3	C. & E. I. Coal Property, No. 11	Hillsboro	4	24	30	228	32	.....	.....	16	14	4	352	49	401	364	37	3
4	C. & E. I. Coal Property, No. 14	Witt	3	.....	.....	.....	.....	520	.....	12	10	4	549	127	676	646	30	4
5	Nokomis Coal Co., No. 1	Nokomis	1	4	18	214	26	.....	.....	8	8	.....	279	65	344	302	42	5
6	Hillsboro Coal Co	Hillsboro	4	18	.....	140	20	.....	.....	16	16	4	218	42	260	244	16	6
7	Clover Leaf Coal Mining Co., No. 2	Coffeen	1	18	.....	12	2	100	2	4	3	2	134	26	160	145	15	7
	Total		19	90	109	1,339	180	685	6	80	101	28	2,637	437	3,074	2,870	204	
	The district		48	311	560	3,945	680	1,042	13	172	300	100	7,171	1,156	8,327	7,821	506	
	BOND COUNTY—EIGHTH DISTRICT.																	
1	Pocahontas Mining Co., No. 1	Pocahontas	2	8	2	.....	.....	70	2	2	2	1	89	10	99	89	10	1
	CLINTON COUNTY—EIGHTH DISTRICT.																	
1	Southern Coal, Coke & Mining Co., No. 9	New Baden	1	27	78	314	64	.....	.....	12	14	9	519	25	544	493	51	1
2	Breese-Trenton Mining Co., Bux	Beckemeyer	2	13	16	155	14	.....	.....	6	5	3	214	22	236	214	22	2
3	Breese-Trenton Mining Co., East Mine	Breese	2	10	12	145	10	.....	.....	4	4	.....	187	30	217	190	27	3
4	North Breese Coal & Mining Co	..do	1	14	11	154	22	.....	.....	6	8	4	220	22	242	224	18	4
	Total		6	64	117	768	110	.....	.....	28	31	16	1,140	99	1,239	1,121	118	
	MADISON COUNTY—EIGHTH DISTRICT.																	
1	New Staunton Coal Co., No. 1	Livingston	2	40	12	442	68	.....	.....	3	34	9	610	38	648	608	40	1
2	Donk Bros. Coal & Coke Co., No. 2	Maryville	4	33	110	350	60	.....	.....	13	14	18	602	.....	602	543	59	2
3	Mt. Olive & Staunton Coal Co., No. 2	Staunton	12	30	22	394	60	.....	.....	3	18	21	560	50	610	575	35	3
4	Lumaghi Coal Co., No. 2	Collinsville	3	17	30	280	44	.....	.....	18	16	7	415	50	465	436	29	4
5	Madison Coal Corporation, No. 2	Glen Carbon	5	18	33	199	66	.....	.....	14	5	3	343	50	393	358	35	5
6	Donk Bros. Coal & Coke Co., No. 1	Collinsville	4	19	68	.....	.....	279	4	4	8	3	389	35	424	389	35	6
7	Donk Bros. Coal & Coke Co., No. 3	Troy	5	15	50	20	24	124	.....	18	4	3	263	29	292	264	28	7
8	Kerns-Donnewald Coal Co	Worden	1	10	5	126	18	.....	.....	4	5	6	175	19	194	175	19	8
9	City Coal Co., No. 3	Edwardsville	1	3	2	.....	.....	31	4	2	1	.....	44	3	47	42	5	9
10	Edwardsville Home Trade Coal Co	..do	.....	4	1	.....	.....	29	2	.....	.....	.....	36	4	40	36	4	10
	Total		37	189	333	1,811	340	463	10	79	105	70	3,437	278	3,715	3,426	289	
	MARION COUNTY—EIGHTH DISTRICT.																	
1	Marion County Coal Co	Centralia	2	30	52	232	32	.....	4	8	10	8	378	21	399	359	40	1
2	Chicago-Sandoval Coal Co., No. 2	Sandoval	5	19	19	.....	.....	200	4	2	4	4	257	21	278	259	19	2

TABLE 32—Continued.

Number.	Name of operator.	Post-office address of mine.	Number of employees in each occupation.										Total classified.	Number not classified.	Total number of employees.	Number of employees under ground.	Number of employees above ground.	Number.
			Cagers.	Drivers.	Laborers.	Loaders.	Machinemen.	Miners.	Shot firers.	Timbermen.	Trackmen.	Trappers.						
3	Odin Coal Co., Odin	Odin	5	13	.....	168	24	.....	.....	4	3	8	225	26	251	225	26	3
4	Chicago-Sandoval Coal Co	Sandoval	3	10	14	.....	.....	80	2	.....	2	2	113	5	118	104	14	4
	Total		15	72	85	400	56	280	10	14	19	22	973	73	1,046	947	99	
	The district		60	333	537	2,979	506	813	22	123	157	109	5,639	460	6,099	5,583	516	
	ST. CLAIR COUNTY—NINTH DISTRICT.																	
1	St. Louis & O'Fallon Coal Co., No. 2	East St. Louis	3	30	18	334	62	35	2	4	28	10	526	90	616	573	43	1
2	Consolidated Coal Co., No. 17	Collinsville	6	28	10	196	64	.....	.....	6	18	2	330	44	374	346	28	2
3	Southern Coal, Coke & Mining Co., No. 8	Belleville	3	22	41	249	40	.....	.....	3	12	3	373	25	398	366	32	3
4	Southern Coal, Coke & Mining Co., No. 7	..do	3	21	30	148	38	.....	.....	4	10	3	257	13	270	248	22	4
5	Superior Coal & Mining Co	..do	3	7	10	61	20	.....	.....	.....	3	.....	104	8	112	104	8	5
6	Kolb Coal Co., No. 2	Mascoutah	1	4	5	1	.....	136	1	.....	.....	1	149	.....	149	141	8	6
7	Suburban Coal & Mining Co	Belleville	2	9	2	.....	.....	90	2	.....	2	.....	107	8	115	107	8	7
8	Victoria Coal Co	..do	2	3	3	48	12	.....	.....	.....	3	.....	71	4	75	69	6	8
9	Kolb Coal Co., Fairbanks	New Athens	1	5	6	.....	.....	74	1	.....	1	.....	88	.....	88	83	5	9
10	Mulberry Hill Coal Co	Freeburg	1	6	.....	60	8	.....	.....	.....	2	.....	77	9	86	81	5	10
11	Columbia Coal Co	Belleville	2	4	2	47	14	.....	.....	.....	4	.....	73	9	82	73	9	11
12	International Coal & Mining Co., Carbon	O'Fallon	1	4	3	50	7	.....	.....	.....	3	.....	68	10	78	69	9	12
13	Star Coal Co	Freeburg	2	4	2	36	12	.....	.....	2	2	.....	60	5	65	60	5	13
14	Eldnar Coal Co	Belleville	1	4	4	40	10	10	2	.....	2	.....	73	7	80	73	7	14
15	Northern Coal Co	Millstadt	.....	.....	.....	.....	.....	30	1	.....	.....	.....	31	11	42	42	.....	15
16	Golden Rule Coal Co	Lenzburg	1	4	1	.....	.....	51	2	.....	1	.....	60	5	65	59	6	16
17	New National Coal & Mining Co	Belleville	.....	3	.....	.....	.....	31	4	.....	1	.....	39	.....	39	36	3	17
18	Abend Coal Co	..do	1	4	2	.....	.....	43	4	.....	1	.....	55	2	57	54	3	18
19	Prairie Coal Co	..do	4	17	2	.....	.....	125	2	.....	4	1	155	14	169	155	14	19
20	Jones Bros. Coal & Mining Co	Marissa	1	5	2	.....	.....	64	2	.....	.....	1	75	3	78	72	6	20
21	Egyptian Coal & Mining Co	..do	2	4	.....	50	10	.....	.....	.....	1	.....	67	8	75	68	7	21
22	H. E. Miller	Caseyville	2	3	1	.....	.....	38	2	.....	.....	.....	46	3	49	46	3	22
23	Dozow Valley Coal Co	Marissa	1	2	1	.....	.....	31	2	.....	1	.....	38	3	41	38	3	23
24	Pittsburg Mining Co	Belleville	1	2	2	.....	.....	31	.....	.....	.....	.....	36	3	39	35	4	24
25	New Freeburg Coal Co	..do	1	4	2	.....	.....	24	2	.....	.....	.....	33	.....	33	31	2	25
26	Highland Coal Co	..do	.....	3	.....	.....	.....	24	.....	.....	.....	.....	27	3	30	27	3	26
27	Oakdale Coal & Mining Co	..do	1	1	5	.....	.....	15	.....	.....	.....	.....	22	.....	22	19	3	27
28	Fischer Fuel Co	O'Fallon	4	10	10	.....	.....	170	2	2	2	2	202	6	208	202	6	28
29	Groom Coal Co	Richland	1	2	.....	.....	.....	30	2	.....	.....	.....	35	4	39	36	3	29
30	Peoples Coal Co	Lebanon	1	2	1	15	4	.....	.....	1	1	.....	25	4	29	25	4	30

31	White Coal Co.	Belleville	1	3				22					26	4	30	26	4	31
32	Fullerton Coal Co.	..do	1	3	2			26			1		33	2	35	32	3	32
33	Reeb Coal Co.	..do		1				8					9	3	12	10	2	33
34	Summit Coal Mining Co.	..do	1	2	2			16	2		1		24	3	27	24	3	34
35	Missouri & Illinois Coal Co.	Rentchler	1	2	1			35			1		40		40	38	2	35
36	Southern Coal, Coke & Mining Co., No. 5	Belleville		1				9					10	3	13	11	2	36
37	International Coal & Mining Co., Taylor	O'Fallon	1	6	2			60	2		2		73	11	84	81	3	37
	Total		57	235	172	1,335	301	1,228	37	22	107	23	3,517	327	3,844	3,560	284	
	JACKSON COUNTY—TENTH DISTRICT.																	
1	Big Muddy Coal & Iron Co., No. 9	Murphysboro	2	26	16	138	18			21	15	10	246	33	279	253	26	1
2	Jackson Coal Co.	Hallidayboro	10	23	12			205	4	3	6	9	272	48	320	275	45	2
3	Gartside Coal Co., No. 4	Murphysboro	2	11	4	37	14	4		3	3	2	80	20	100	84	16	3
4	Gus Blair Big Muddy Coal Co., No. 2	..do	1	8	4	40	16	4		1	2		76	7	83	76	7	4
5	Big Muddy Coal & Iron Co., No. 10	..do	1	5	2	60	10			3	2		83	25	108	93	15	5
6	DeSoto-Peacock Coal Co.	DeSoto	1	3	1			18	2		1		26	3	29	26	3	6
	Total		17	76	39	275	58	231	6	31	29	21	783	136	919	807	112	
	PERRY COUNTY—TENTH DISTRICT.																	
1	Majestic Coal & Coke Co.	Duquoin	4	18		27	32	465	6	13	21	3	589	54	643	605	38	1
2	Security Coal & Mining Co.	..do	3	35	95	340	40			8	12	12	545		545	500	45	2
3	Paradise Coal Co.	..do	2	20	25	200	26	115	4	2	15	8	417	60	477	437	40	3
4	Willis Coal Mining Co., No. 1	Willisville	5	17	14	190	30				7	7	270	14	284	270	14	4
5	Ritchey Coal Co.	Pinckneyville	2	7	9			128	2	2	2	2	154	15	169	154	15	5
6	Granger Coal Co.	Craig	2	8				65	2		2	1	80	14	94	84	10	6
7	St. Louis-Coulterville Coal Co	Coulterville	1	7	6			100	2		2		118		118	118		7
8	Wilson Coal Co.	Cutler	1	2				23					26	3	29	26	3	8
9	Soper Coal Co.	..do	1	2				25	2		1		31	6	37	33	4	9
10	Collier Coal Co.	Tamaroa	2	4				43	2		2	2	55	4	59	55	4	10
11	Bailey Bros. Coal Co., Diamond	Sunfield	1	2				20			1		24	4	28	28		11
	Total		24	122	149	757	128	984	20	25	65	35	2,309	174	2,483	2,310	173	
	RANDOLPH COUNTY—TENTH DISTRICT.																	
1	Willis Coal & Mining Co., No. 6	Percy	2	13	8	165	28			2	7	6	231	12	243	225	18	1
2	Illinois Fuel Co., No. 4	Sparta	2	14	10	120	14				5	4	169	14	183	171	12	2
3	Moffat Coal Co.	..do	2	13	2	112	44				4	1	178	18	196	187	9	3
4	Jones Bros. Coal & Mining Co., No. 2	Marissa	2	7	4			150	2		3	1	169	6	175	167	8	4
5	Tilden Coal Co., Crystal	Tilden	2	5	2			65	2	1	1	1	79	9	88	79	9	5
6	West Side Coal Co.	Coulterville	2	4	2			55	2	1	2		68	6	74	68	6	6
7	Randolph County Coal Co.	..do	2	6	2			85	2	2	1		102	8	110	103	7	7
8	Wilson Bros. Coal Co., No. 7	Sparta	2	7	1	84	12			2	3	1	112	6	118	111	7	8
9	Tilden Coal Co., Tilden	Tilden	1	3	3			35		1	1		44	3	47	43	4	9
	Total		17	72	34	481	98	392	8	9	27	14	1,152	82	1,234	1,154	80	

TABLE 32—Continued.

Number.	Name of operator.	Post-office address of mine.	Number of employees in each occupation.										Total classified.	Number not classified.	Total number of employees.	Number of employees under ground.	Number of employees above ground.	Number.
			Cagers.	Drivers.	Laborers.	Loaders.	Machine-men.	Miners.	Shot-firers.	Timber-men.	Track-men.	Trap-pers.						
	WASHINGTON COUNTY—TENTH DISTRICT.																	
1	Centralia Coal Co., No. 5	Centralia	4	.....	31	16	10	320	8	10	32	6	437	43	480	448	32	1
2	Nicholson Bros. Coal Co	Nashville	1	3	.....	.....	.....	35	2	1	1	.....	43	4	47	38	9	2
3	Kuhn Colliery Co	Dubois	1	3	.....	.....	.....	19	2	.....	.....	.....	25	4	29	25	4	3
	Total		6	6	31	16	10	374	12	11	33	6	505	51	556	511	45	
	The district		64	276	253	1,529	294	1,981	46	76	154	76	4,749	443	5,192	4,782	410	
	FRANKLIN COUNTY—ELEVENTH DISTRICT.																	
1	Old Ben Coal Corporation, No. 8	West Frankfort	2	12	57	410	58	.....	6	4	24	14	587	77	664	587	77	1
2	Bell & Zollar Mining Co., No. 1	Zeigler	1	.....	12	406	58	6	6	14	36	12	551	154	705	645	60	2
3	Old Ben Coal Corporation, No. 9	West Frankfort	2	14	42	386	60	.....	6	14	12	10	546	105	651	556	95	3
4	Chi., Wilm. & Franklin Coal Co., No. 1	Orient	4	17	4	375	32	.....	8	3	30	6	479	150	629	524	105	4
5	United Coal Corporation, No. 2	Christopher	2	.....	85	460	45	.....	4	5	30	17	648	17	665	611	54	5
6	Sesser Coal Co., No. 1	Sesser	3	10	.....	400	50	50	4	18	25	12	572	90	662	602	60	6
7	Christopher Coal Mining Co., No. 1	Christopher	2	.....	44	251	46	33	4	3	25	5	413	77	490	435	55	7
8	Franklin Coal & Coke Co., No. 1	Royalton	2	6	106	200	38	150	4	1	18	7	532	18	550	418	132	8
9	United Coal Corporation, No. 1	Christopher	3	3	85	310	20	.....	4	5	22	12	464	18	482	441	41	9
10	Christopher Coal Mining Co., No. 2	do	2	.....	36	267	44	23	4	4	30	7	417	66	483	422	61	10
11	West Frankfort Coal Co., No. 1	West Frankfort	5	24	32	210	28	.....	2	2	9	5	317	42	359	321	38	11
12	Benton Coal Co	Benton	3	21	81	322	40	.....	4	16	18	6	511	64	575	515	60	12
13	Producers Coal Co., No. 19	West Frankfort	2	.....	35	190	70	.....	3	5	7	11	323	73	396	348	48	13
14	W. P. Rend Colliery Co., No. 1	Rend	3	18	20	181	40	.....	4	12	4	8	290	44	334	290	44	14
15	Taylor Mining Co., P. R	Herrin	2	10	11	116	36	.....	.....	1	5	3	184	35	219	195	24	15
16	Producers Coal Co., No. 18	West Frankfort	2	7	40	175	30	.....	2	8	6	2	272	33	305	275	30	16
17	John A. Logan Coal Co	Logan	2	17	15	115	30	.....	2	14	8	6	209	35	244	209	35	17
18	Middle Fork Mining Co	Benton	2	4	20	65	12	.....	.....	6	6	2	117	.....	117	87	30	18
19	Franklin Coal & Coke Co., No. 2	Royalton	2	4	6	.....	.....	51	2	1	2	.....	68	8	76	67	9	19
	Total		46	167	731	4,839	737	313	69	136	317	145	7,500	1,106	8,606	7,548	1,058	
	GALLATIN COUNTY—ELEVENTH DISTRICT.																	
1	Gallatin Coal & Coke Co	Equality	1	2	13	4	2	30	.....	1	1	1	55	8	63	50	13	1
2	Hickory Hill Coal Co	Junction	1	2	5	40	6	.....	.....	2	2	2	60	12	72	61	11	2
	Total		2	4	18	44	8	30	.....	3	3	3	115	20	135	111	24	

	SALINE COUNTY—ELEVENTH DISTRICT.																	
1	Wasson Coal Co., No. 1	Wasson	2	30	40	326	40	.....	.....	6	8	7	459	33	492	465	27	1
2	O'Gara Coal Co., No. 9	Harrisburg	5	32	28	274	42	.....	.....	8	8	5	402	76	478	455	23	2
3	Saline County Coal Co., No. 3	..do	2	.....	.....	245	34	.....	4	16	22	.....	323	127	450	410	40	3
4	O'Gara Coal Co., No. 1	..do	4	18	20	200	18	.....	.....	3	12	5	280	30	310	283	27	4
5	Eldorado Coal & Mining Co	Eldorado	5	22	33	150	24	30	4	2	10	2	282	26	308	286	22	5
6	Saline County Coal Co., No. 2	Harrisburg	2	23	52	200	26	.....	.....	6	10	6	325	34	359	335	24	6
7	O'Gara Coal Co., No. 11	..do	3	22	28	146	28	.....	.....	2	8	3	240	37	277	259	18	7
8	O'Gara Coal Co., No. 10	..do	2	25	27	136	30	.....	.....	2	8	4	234	56	290	267	23	8
9	Saline County Coal Co., No. 6	..do	2	12	10	118	22	.....	2	8	4	4	182	50	232	207	25	9
10	Wasson Coal Co., No. 2	Carriers Mills	1	.....	16	100	12	.....	.....	2	4	.....	135	16	151	139	12	10
11	Harrisburg Big Muddy Coal Co., No. 12	Harrisburg	2	17	19	117	24	.....	.....	2	5	2	188	36	224	208	16	11
12	O'Gara Coal Co., No. 4	..do	2	20	15	175	14	.....	.....	3	8	4	241	39	280	260	20	12
13	Harrisburg-Saline Collieries Co., No. 15	..do	3	24	29	168	34	.....	.....	1	10	6	275	39	314	292	22	13
14	O'Gara Coal Co., No. 8	..do	5	15	21	95	33	.....	.....	2	5	3	179	22	201	186	15	14
15	Harrisburg Big Muddy Coal Co., No. 14	..do	3	14	19	90	13	.....	.....	1	6	1	147	26	173	156	17	15
16	O'Gara Coal Co., No. 3	..do	2	16	.....	110	12	.....	.....	4	6	3	153	25	178	163	15	16
17	Durham Coal Co	Galatia	1	3	2	.....	.....	35	2	1	1	.....	45	6	51	45	6	17
	Total		46	293	359	2,650	406	65	12	69	135	55	4,090	678	4,768	4,416	352	
	WHITE COUNTY—ELEVENTH DISTRICT.																	
1	White County Mining & Power Co	Norris City	2	5	4	33	4	.....	.....	1	1	.....	50	10	60	49	11	1
	The district		96	469	1,112	7,566	1,151	412	81	209	456	203	11,755	1,814	13,569	12,124	1,445	
	WILLIAMSON COUNTY—TWELFTH DISTRICT.																	
1	Johnston City Coal Co	Johnston City	2	9	5	200	27	108	3	4	17	8	383	62	445	387	58	1
2	Peabody Coal Co., No. 3	Marion	3	22	40	240	34	125	4	6	14	8	496	60	556	496	60	2
3	W. P. Rend Coal & Coke Co., No. 2	Herrin	4	30	35	370	48	40	4	8	15	3	557	66	623	533	90	3
4	Madison Coal Corporation, No. 9	Dewmaine	2	24	20	40	8	297	8	12	12	7	430	45	475	440	35	4
5	Big Muddy Coal & Iron Co., No. 7	Herrin	3	22	6	.....	.....	305	6	4	11	8	365	75	440	387	53	5
6	Searls Coal Co	Johnston City	4	18	20	270	30	.....	4	8	10	5	369	38	407	375	32	6
7	Big Muddy Coal & Iron Co., No. 8	Clifford	4	23	11	301	51	.....	.....	13	14	5	422	108	530	446	84	7
8	Madison Coal Corporation, No. 8	Dewmaine	2	21	20	30	4	206	6	6	11	4	310	30	340	310	30	8
9	Western Coal Mining Co	Bush	4	22	25	.....	.....	225	4	14	13	8	315	71	386	356	30	9
10	Consolidated Coal Co	Johnston City	2	15	5	.....	.....	275	4	6	6	5	318	22	340	324	16	10
11	Sunnyside Coal Co	Herrin	2	14	8	160	60	16	2	10	10	8	290	52	342	290	52	11
12	West Virginia Coal Co	Marion	3	10	15	170	20	.....	2	3	3	.....	226	.....	226	209	17	12
13	Taylor Mining Co., No. 2	Herrin	1	16	5	.....	.....	240	4	2	5	2	275	15	290	275	15	13
14	Chicago Big Muddy Coal & Coke Co	Marion	3	9	14	100	14	17	2	3	5	.....	167	34	201	173	28	14
15	Hafer Washed Coal Co., No. 3	Carterville	1	18	22	.....	.....	224	4	2	6	3	280	21	301	276	25	15
16	Chicago & Carterville Coal Co., B	Herrin	2	19	20	.....	.....	225	4	10	8	.....	288	40	328	306	22	16
17	Scranton & Big Muddy Coal Co	Marion	3	12	32	110	32	.....	.....	2	4	3	198	.....	198	175	23	17
18	Williamson County Coal Co	Johnston City	3	10	10	.....	.....	165	2	5	4	4	203	17	220	203	17	18
19	Chicago & Carterville Coal Co, A	Herrin	2	29	47	205	68	15	.....	12	11	5	394	65	459	393	66	19
20	Pond Creek Coal Co	..do	3	14	6	100	18	.....	.....	.....	.....	2	143	27	170	135	35	20
21	Big Muddy Fuel Co	Johnston City	3	9	.....	100	18	68	2	2	4	.....	206	41	247	228	19	21
22	Taylor Mining Co., No. 1	Herrin	1	15	10	.....	.....	145	2	2	4	2	181	12	193	181	12	22
23	Carterville & Herrin Coal Co., Jeffrey	..do	2	10	13	.....	.....	103	2	2	4	.....	136	15	151	136	15	23

TABLE 32—Concluded.

Number.	Name of operator.	Post-office address of mine.	Number of employees in each occupation.										Total classified.	Number not classified.	Total number of employees.	Number of employees under ground.	Number of employees above ground.	Number.
			Cagers.	Drivers.	Laborers.	Loaders.	Machinemen.	Miners.	Shot firers.	Timbermen.	Trackmen.	Trappers.						
24	St. Louis-Carterville Coal Co	Herrin	2	6	4	.....	.....	104	2	2	4	2	126	11	137	126	11	24
25	New Enterprise Coal Co	Marion	.....	.....	35	.....	.....	.....	.....	.....	.....	.....	35	.....	35	35	.....	25
26	Watson Coal Co., No. 2	Herrin	3	5	.....	.....	.....	65	2	.....	3	.....	78	12	90	79	11	26
27	Peabody Coal Co., No. 2	Marion	2	10	10	110	12	25	2	2	4	3	180	8	188	180	8	27
28	Cambria Coal Co	Johnston City	2	4	2	25	4	5	2	.....	.....	.....	44	10	54	44	10	28
29	Carterville & Big Muddy Coal Co	Cambria	3	6	6	.....	.....	90	2	1	2	2	112	10	122	112	10	29
30	J. S. McNeil Coal Co	Carterville	.....	1	2	.....	.....	5	.....	.....	.....	.....	8	.....	8	5	3	30
	Total		71	423	448	2,531	448	3,093	79	141	204	97	7,535	967	8,502	7,615	887	

Table 33 recapitulates, by districts, the items shown in the preceding table.

TABLE 33—CLASSIFICATION OF EMPLOYEES BY DISTRICTS—SHIPPING MINES.

District.	Number of employees in each occupation.										Total classified.	Number not classified.	Total number of employees.	Number of employees under ground.	Number of employees above ground.	Number of district.
	Cagers.	Drivers.	Laborers.	Loaders.	Machinemen.	Miners.	Shotfirers.	Timbermen.	Trackmen.	Trappers.						
First	37	206	187	20	8	2,393	2	43	34	23	2,953	429	3,382	3,066	316	1
Second	21	201	193	35	6	2,308	6	28	26	67	2,891	343	3,234	3,020	214	2
Third	38	251	179	350	56	3,263	28	46	58	56	4,325	452	4,777	4,404	373	3
Fourth	38	181	92	441	64	1,517	34	34	54	33	2,488	272	2,760	2,556	204	4
Fifth	39	247	467	1,674	276	2,162	20	135	128	78	5,226	657	5,883	5,445	438	5
Sixth	80	448	330	612	102	4,762	73	126	158	101	6,792	637	7,429	6,923	506	6
Seventh	48	311	560	3,945	680	1,042	13	172	300	100	7,171	1,156	8,327	7,821	506	7
Eighth	60	333	537	2,979	506	813	22	123	157	109	5,639	460	6,099	5,583	516	8
Ninth	57	235	172	1,335	301	1,228	37	22	107	23	3,517	327	3,844	3,560	284	9
Tenth	64	276	253	1,529	294	1,981	46	76	154	76	4,749	443	5,192	4,782	410	10
Eleventh	96	469	1,112	7,566	1,151	412	81	209	456	203	11,755	1,814	13,569	12,124	1,445	11
Twelfth	71	423	448	2,531	448	3,093	79	141	204	97	7,535	967	8,502	7,615	887	12
The State	649	3,581	4,530	23,017	3,892	24,974	441	1,155	1,836	966	65,041	7,957	72,998	66,899	6,099	

Relative Rank of Counties.

Table 34. The rank of those counties which produced 500,000 tons or more of coal the past year, and for the four preceding years, is here given.

Table 34—Relative rank of counties producing 500,000 tons of coal or more—for a series of 5 years—1912–1916.

County.	1916		1915		1914		1913		1912	
	Rank.	Tons.	Rank.	Tons.	Rank.	Tons.	Rank.	Tons.	Rank.	Tons.
Franklin	1	9,070,811	1	7,324,644	2	6,595,799	3	5,232,526	6	4,026,815
Williamson	2	7,904,528	2	7,216,188	1	7,710,740	1	7,909,116	1	7,086,554
Macoupin	3	5,259,866	4	4,849,352	4	4,987,281	4	5,208,682	3	4,913,050
Sangamon	4	4,869,981	3	5,448,618	2	5,804,239	2	5,789,416	2	5,488,419
Saline	5	4,502,801	5	3,863,030	6	3,875,511	6	4,519,936	5	4,088,575
Madison	6	3,768,430	6	3,437,469	7	3,678,509	7	3,890,639	7	3,454,536
St. Clair	7	3,181,775	7	3,012,693	5	4,116,771	5	4,740,212	4	4,516,548
Montgomery	8	3,125,882	8	2,719,138	9	2,578,680	10	2,418,329	10	2,280,341
Vermilion	9	2,608,815	10	2,061,535	8	2,983,591	8	3,510,661	8	3,374,443
Perry	10	2,509,016	9	2,173,834	11	2,052,148	12	1,643,043	13	1,406,317
Christian	11	2,373,362	12	2,020,675	14	1,412,246	14	1,481,737	14	1,346,191
Fulton	12	2,036,781	11	2,035,221	10	2,302,806	9	2,533,079	9	2,437,173
Clinton	13	1,395,588	15	1,142,264	16	1,109,162	17	1,036,303	17	1,012,982
Peoria	14	1,319,551	16	1,100,749	15	1,167,006	15	1,244,924	15	1,207,723
Bureau	15	1,298,582	14	1,236,873	12	1,467,022	11	1,798,436	11	1,681,103
LaSalle	16	1,170,200	13	1,273,998	13	1,456,780	13	1,602,966	12	1,605,482
Randolph	17	924,480	18	875,124	18	898,405	20	712,058	18	762,816
Marion	18	900,493	17	952,868	16	1,188,551	16	1,203,947	15	1,134,377
Jackson	19	821,121	20	622,318	19	749,445	19	727,484	20	724,374
Putnam	20	648,802	19	624,713	20	660,490	18	752,729	21	716,531
Washington	21	606,214	....	.....	....	.....	....	.....	....	.....

Coal Producing Counties.

Table 35 is a list of the coal producing counties and shows the nubber of the district, number of mines, men employed and the tons produced in each.

Table 35—Coal producing counties of the state, showing number of district, mines, men and tons, all mines, shipping mines, local mines—1916.

County.	District.	All mines.			Shipping mines.			Local mines.		
		Mines.	Men.	Tons.	Mines.	Men.	Tons.	Mines.	Men.	Tons.
Bond	8	1	99	56,482	1	99	56,482	....	.....	.....
Bureau	2	7	2,827	1,298,582	5	2,811	1,293,310	2	16	5,272
Cass	4	1	3	1,200	....	.....	.....	1	3	1,200
Christian	5	8	2,433	2,373,362	8	2,433	2,373,362	....	.....	.....
Clinton	8	4	1,239	1,395,588	4	1,239	1,395,588	....	.....	.....
Franklin	11	19	8,606	9,070,811	19	8,606	9,070,811	....	.....	.....
Fulton	4	114	3,049	2,036,781	18	2,760	1,901,309	96	289	135,472
Gallatin	11	11	169	68,094	2	135	50,549	9	34	17,545
Greene	7	8	43	14,260	....	.....	.....	8	43	14,260
Grundy	1	5	745	305,000	2	728	303,415	3	17	1,585
Hancock	4	3	18	4,160	....	.....	.....	3	18	4,160
Henry	2	13	116	50,019	....	.....	.....	13	116	50,019

TABLE 35—Concluded.

County.	District.	All mines.			Shipping mines.			Local mines.		
		Mines.	Men.	Tons.	Mines.	Men.	Tons.	Mines.	Men.	Tons.
Jackson	10	21	984	821,121	6	919	805,647	15	65	15,474
Jersey	7	1	4	960	....	.....	.....	1	4	960
Johnson	12	3	11	1,981	....	.....	.....	3	11	1,981
Knox	2	20	82	17,140	....	.....	.....	20	82	17,140
LaSalle	1	37	2,605	1,170,200	11	2,193	928,471	26	412	241,729
Livingston	1	5	168	103,979	2	97	50,363	3	71	53,616
Logan	6	3	624	401,460	3	624	401,460	....	.....	.....
Macon	5	2	376	173,530	2	376	173,530	....	.....	.....
Macoupin	7	12	5,270	5,259,866	10	5,253	5,251,808	2	17	8,058
Madison	8	22	3,805	3,768,430	10	3,715	3,717,677	12	90	50,753
Marion	8	4	1,046	900,493	4	1,046	900,493	....	.....	.....
Marshall	3	11	1,048	437,960	2	1,029	434,803	9	19	3,157
McDonough	4	50	125	21,831	....	.....	.....	50	125	21,831
McLean	6	2	183	83,775	2	183	83,775	....	.....	.....
Menard	3	10	227	163,190	1	156	126,986	9	71	36,204
Mercer	2	12	468	354,009	3	423	336,848	9	45	17,161
Montgomery	7	7	3,074	3,123,882	7	3,074	3,123,882	....	.....	.....
Moultrie	5	1	178	180,040	1	178	180,040	....	.....	.....
Morgan	4	2	7	1,535	....	.....	.....	2	7	1,535
Peoria	3	57	1,631	1,319,551	11	1,395	1,195,000	46	236	124,551
Perry	10	19	2,516	2,509,016	11	2,483	2,491,132	8	33	17,884
Putnam	3	2	1,293	648,802	2	1,293	648,802	....	.....	.....
Randolph	10	16	1,271	924,480	9	1,234	902,434	7	37	22,046
Rock Island	2	12	83	29,937	....	.....	.....	12	83	29,937
Saline	11	39	4,833	4,502,801	17	4,768	4,477,062	22	65	25,739
Sangamon	6	26	6,754	4,869,981	21	6,622	4,784,315	5	132	85,666
Schuyler	4	30	85	16,596	....	.....	.....	30	85	16,596
Scott	4	8	24	4,657	....	.....	.....	8	24	4,657
Shelby	5	5	151	82,650	1	110	76,533	4	41	6,117
Stark	2	10	53	13,531	....	.....	.....	10	53	13,531
St. Clair	9	54	4,047	3,315,650	37	3,844	3,181,775	17	203	133,875
Tazewell	3	11	513	310,082	4	441	271,853	7	72	38,229
Vermilion	5	37	2,978	2,608,815	10	2,786	2,473,696	27	192	135,119
Warren	2	6	20	5,440	....	.....	.....	6	20	5,440
Washington	10	4	559	606,214	3	556	603,088	1	3	3,126
White	11	1	60	27,151	1	60	27,151	....	.....	.....
Will	1	3	382	128,844	2	364	124,444	1	18	4,400
Williamson	12	42	8,571	7,904,528	30	8,502	7,880,259	12	69	24,269
Woodford	3	2	463	185,083	2	463	185,083	....	.....	.....
Total	....	803	75,919	63,673,530	284	72,998	62,283,236	519	2,921	1,390,294

DISPOSITION OF OUTPUT.

Table 36 shows the disposition of the output of the shipping mines by districts.

TABLE 36—DISPOSITION OF THE OUTPUT OF SHIPPING MINES, BY DISTRICTS.

District.	Number of mines.	Total output—all grades—tons.	Disposition of output—tons.				
			Shipped from the mines.	Supplied to locomotives at mines.	Sold to railroad companies.	Sold to local trade.	Consumed and wasted at mines.
First	17	1,406,693	873,575	41,505	283,669	130,978	76,966
Second	8	1,630,158	245,189	33,760	1,252,288	28,399	70,522
Third	22	2,862,527	1,531,677	75,708	1,088,320	87,075	79,747
Fourth	18	1,901,309	1,264,056	30,608	538,230	11,790	56,625

TABLE 36—Concluded.

District.	Number of mines.	Total output—all grades—tons.	Disposition of output—tons.				
			Shipped from the mines.	Supplied to locomotives at mines.	Sold to railroad companies.	Sold to local trade.	Consumed and wasted at mines
Fifth	22	5,277,161	3,982,517	38,656	886,660	245,057	124,271
Sixth	26	5,269,550	3,894,104	107,762	914,272	217,967	135,445
Seventh	17	8,375,690	4,243,476	13,741	3,792,441	55,254	270,778
Eighth	19	6,070,240	5,293,924	70,073	495,939	65,245	145,059
Ninth	37	3,181,775	2,797,399	60,124	106,500	98,070	119,682
Tenth	29	4,802,301	3,145,533	131,317	1,309,603	101,250	114,598
Eleventh	39	13,625,573	11,851,764	14,178	1,299,135	91,036	369,460
Twelfth	30	7,880,259	5,031,205	1,475	2,480,440	33,425	333,714
The State, 1916	284	62,283,236	44,154,419	618,907	14,447,497	1,165,546	1,896,867
The State, 1915	280	56,172,556	41,461,218	615,899	11,090,377	1,100,778	1,904,284
Gain	4	6,110,680	2,693,201	3,008	3,357,120	64,768	.....
Loss	.....	.....	.....	.....	.....	.....	7,417

Table 37 is the percentage of the items shown in Table 36.

TABLE 37—PERCENTAGES OF THE NUMBER OF MINES AND DISPOSITION OF THE PRODUCT OF SHIPPING MINES, BY DISTRICT.

District.	Percentages of—						
	Number of mines.	Total output.	Shipped.	Supplied to locomotives.	Sold to railroad companies.	Sold to local trade.	Consumed and wasted at the mines.
First	5.99	2.26	62.10	2.95	20.17	9.31	5.47
Second	2.81	2.62	15.04	2.07	76.82	1.74	4.33
Third	7.75	4.60	53.51	2.64	38.03	3.04	2.78
Fourth	6.34	3.05	66.48	1.61	28.31	.62	2.98
Fifth	7.75	8.47	75.47	.73	16.80	4.64	2.36
Sixth	9.16	8.46	73.90	2.04	17.35	4.14	2.57
Seventh	5.99	13.45	50.66	.16	45.28	.66	3.24
Eighth	6.69	9.75	87.21	1.16	8.17	1.07	2.39
Ninth	13.03	5.10	87.92	1.89	3.35	3.08	3.76
Tenth	10.20	7.71	65.50	2.73	27.27	2.11	2.39
Eleventh	13.73	21.88	86.98	.10	9.53	.67	2.72
Twelfth	10.56	12.65	63.85	.02	31.48	.42	4.23
The State, 1916	100.00	100.00	70.89	.99	23.20	1.87	3.05
The State, 1915	100.00	100.00	73.81	1.10	19.74	1.96	3.39

Table 38 gives the disposition of the output of shipping mines by county and district, and of the local mines by districts.

TABLE 38—SHIPPING OR COMMERCIAL COLLIERIES—DISTRIBUTION OF OUTPUT BY COUNTIES AND DISTRICTS, ALSO LOCAL MINES BY DISTRICTS.

County and district.	Number of mines.	Total tons.	Disposition of output— Loaded on cars for shipment.	Supplied to locomotives at mines.	Sold to railroad companies and loaded on cars.	Sold to local trade.	Consumed and wasted at the mines.
FIRST DISTRICT.							
Grundy	2	303,415	246,456	.....	22,563	15,568	18,828
LaSalle	11	928,471	505,807	22,947	261,106	88,493	50,118
Livingston	2	50,363	13,771	18,558	.....	16,009	2,025
Will	2	124,444	107,541	.....	.....	10,908	5,995
Shipping mines	17	1,406,693	873,575	41,505	283,669	130,978	76,966
Local mines	33	301,330	.....	.....	.....	84,774	216,556
The district	50	1,708,023	873,575	41,505	283,669	215,752	293,522
SECOND DISTRICT.							
Bureau	5	1,293,310	88,252	33,294	1,088,634	26,363	56,767
Mercer	3	336,848	156,937	466	163,654	2,036	13,755
Shipping mines	8	1,630,158	245,189	33,760	1,252,288	28,399	70,522
Local mines	72	138,500	.....	.....	.....	127,935	10,565
The district	80	1,768,658	245,189	33,760	1,252,288	156,334	81,087
THIRD DISTRICT.							
Marshall	2	434,803	148,840	64,410	182,056	16,901	22,596
Menard	1	126,986	100,581	.....	20,000	3,938	2,467
Peoria	11	1,195,000	961,424	.....	211,157	4,382	18,037
Putnam	2	648,802	26,387	3,650	582,987	13,357	22,421
Tazewell	4	271,853	206,470	.....	27,369	33,329	4,685
Woodford	2	185,083	87,975	7,648	64,751	15,168	9,141
Shipping mines	22	2,862,527	1,531,677	75,708	1,088,320	87,075	79,747
Local mines	71	202,141	.....	1,442	.....	195,945	4,754
The district	93	3,064,668	1,531,677	77,150	1,088,320	283,020	84,501
FOURTH DISTRICT.							
Fulton	18	1,901,309	1,264,056	30,608	538,230	11,790	56,625
Shipping mines	18	1,901,309	1,264,056	30,608	538,230	11,790	56,625
Local mines	190	185,451	.....	.....	.....	182,801	2,650
The district	208	2,086,760	1,264,056	30,608	538,230	194,591	59,275
FIFTH DISTRICT.							
Christian	8	2,373,362	2,117,123	38,656	71,351	74,922	71,310
Macon	2	173,530	37,670	.....	.....	128,859	7,001
Moultrie	1	180,040	80,356	.....	86,930	4,900	7,854
Shelby	1	76,533	63,615	.....	.....	9,983	2,935
Vermilion	10	2,473,696	1,683,753	.....	728,379	26,393	35,171
Shipping mines	22	5,277,161	3,982,517	38,656	886,660	245,057	124,271
Local mines	31	141,236	.....	.....	.....	140,556	680
The district	53	5,418,397	3,982,517	38,656	886,660	385,613	124,951
SIXTH DISTRICT.							
Logan	3	401,460	263,013	28,594	32,951	59,284	17,618
McLean	2	83,775	1,270	7,756	20,000	44,872	9,877
Sangamon	21	4,784,315	3,629,821	71,412	861,321	113,811	107,950
Shipping mines	26	5,269,550	3,894,104	107,762	914,272	217,967	135,445
Local mines	5	85,666	.....	.....	.....	79,354	6,312
The district	31	5,355,216	3,894,104	107,762	914,272	297,321	141,757

TABLE 38—Concluded.

County and district.	Number of mines.	Total tons.	Disposition of output— Loaded on cars for shipment.	Supplied to locomotives at mines.	Sold to railroad companies and loaded on cars.	Sold to local trade.	Consumed and wasted at the mines.
SEVENTH DISTRICT.							
Macoupin	10	5,251,808	1,883,335	13,741	3,173,250	36,055	195,427
Montgomery	7	3,123,882	2,410,141	.....	619,191	19,199	75,351
Shipping mines	17	8,375,690	4,243,476	13,741	3,792,441	55,254	270,778
Local mines	11	23,278	.....	.....	.....	23,278	.....
The district	28	8,398,968	4,243,476	13,741	3,792,441	78,532	270,778
EIGHTH DISTRICT.							
Bond	1	56,482	48,546	.....	.....	2,826	5,110
Clinton	4	1,395,588	1,015,655	62,350	253,322	16,369	47,892
Madison	10	3,717,677	3,544,692	7,723	62,779	36,960	65,523
Marion	4	900,493	685,031	.....	179,838	9,090	26,534
Shipping mines	19	6,070,240	5,293,924	70,073	495,939	65,245	145,059
Local mines	12	50,753	.....	.....	.....	48,289	2,464
The district	31	6,120,993	5,293,924	70,073	495,939	113,534	147,523
NINTH DISTRICT.							
St. Clair	37	3,181,775	2,797,399	60,124	106,500	98,070	119,682
Shipping mines	37	3,181,775	2,797,399	60,124	106,500	98,070	119,682
Local mines	17	133,875	.....	55,871	.....	72,062	5,942
The district	54	3,315,650	2,797,399	115,995	106,500	170,132	125,624
TENTH DISTRICT.							
Jackson	6	805,647	625,964	43,689	42,894	37,409	55,691
Randolph	9	902,434	605,360	.....	264,432	11,902	20,740
Perry	11	2,491,132	1,725,270	69,185	640,353	19,458	36,866
Washington	3	603,088	188,939	18,443	361,924	32,481	1,301
Shipping mines	29	4,802,301	3,145,533	131,317	1,309,603	101,250	114,598
Local mines	31	58,530	.....	.....	.....	55,952	2,578
The district	60	4,860,831	3,145,553	131,317	1,309,603	157,202	117,176
ELEVENTH DISTRICT.							
Gallatin	2	50,549	38,120	.....	8,500	1,829	2,100
Franklin	19	9,070,811	7,601,195	658	1,151,530	50,181	267,247
Saline	17	4,477,062	4,202,709	7,807	137,281	31,663	97,602
White	1	27,151	9,740	5,713	1,824	7,363	2,511
Shipping mines	39	13,625,573	11,851,764	14,178	1,299,135	91,036	369,460
Local mines	31	43,284	.....	.....	.....	42,599	685
The district	70	13,668,857	11,851,764	14,178	1,299,135	133,635	370,145
TWELFTH DISTRICT.							
Williamson	30	7,880,259	5,031,205	1,475	2,480,440	33,425	333,714
Shipping mines	30	7,880,259	5,031,205	1,475	2,480,440	33,425	333,714
Local mines	15	26,250	.....	.....	.....	24,935	1,315
The district	45	7,906,509	5,031,205	1,475	2,480,440	58,360	335,029
THE STATE.							
Shipping mines	284	62,283,236	44,154,419	618,907	14,447,497	1,165,546	1,896,867
Local mines	519	1,390,294	.....	57,313	.....	1,078,480	254,501
Total	803	63,673,530	44,154,419	676,220	14,447,497	2,244,026	2,151,368

Railroads.

Table 39 shows the railroads which have hauled the coal to market, the names of the counties served, the number of tons hauled and used on locomotives.

Table 39—Railroads which have transported the coal produced by the shipping mines of the state, also the counties contributing the tonnage to each road.

No.	Railroad and county.	Number of counties.	Number of mines.	Tons received by each road for—		Percentage—	
				Shipment.	Locomotives.	Shipped.	Supplied to locomotives.
	The State	37	284	44,154,419	*676,220	100.00	100.00
1	Illinois Central	21	88	8,690,752	209,864	100.00	100.00
	Perry		7	1,637,781	62,857	18.84	29.95
	Franklin		12	1,535,850		17.79	
	Williamson		15	1,427,662	9	16.43	
	Marion		4	604,209		6.95	
	St. Clair		12	508,742	47,384	5.85	22.58
	Jackson		3	491,180	43,689	5.65	20.82
	Sangamon		6	426,910		4.91	
	Randolph		5	410,208		4.72	
	Christian		3	391,482		4.50	
	Madison		1	313,142		3.60	
	Saline		2	184,121	7,807	2.12	3.72
	Logan		3	180,284	28,594	2.07	13.63
	Washington		2	178,465		2.05	
	LaSalle		4	112,595		1.21	
	Macoupin		1	101,679	11,768	1.17	5.61
	Marshall		1	63,846		.73	
	Shelby		1	63,615		.73	
	Woodford		1	36,467		.42	
	Macon		2	20,804		.24	
	Livingston		1	1,000		.01	
	McLean		2	710	7,756	.01	3.69
2	Chicago, Burlington & Quincy	10	53	7,188,509	19,111	100.00	100.00
	Franklin		14	4,295,691		59.76	
	Williamson		12	1,248,206		17.36	
	Fulton		15	980,603	19,111	13.64	100.00
	Macoupin		2	169,949		2.36	
	LaSalle		4	168,136		2.34	
	Peoria		2	163,836		2.29	
	Sangamon		1	82,754		1.15	
	Marion		1	58,933		.82	
	Bureau		1	11,756		.16	
	Washington		1	8,645		.12	
3	Cleveland, Cin., Chi. & St. Louis	7	28	5,779,353		100.00	
	Saline		16	4,006,448		69.32	
	Montgomery		5	1,205,610		20.86	
	Madison		1	475,837		8.24	
	Tazewell		2	60,873		1.05	
	Vermilion		1	21,041		.36	
	Christian		2	9,036		.16	
	White		1	508		.01	
4	Chicago & Eastern Illinois	6	25	4,934,502		100.00	
	Franklin		8	1,443,996		29.26	
	Vermilion		4	1,202,766		24.37	
	Montgomery		4	936,871		18.99	
	Williamson		7	814,510		16.51	
	Madison		1	475,836		9.64	
	Christian		1	60,523		1.23	

TABLE 39—Continued.

No.	Railroad and county.	Number of counties.	Number of mines.	Tons received by each road for— Shipment.	Tons received by each road for— Locomotives.	Percentage— Shipped.	Percentage— Supplied to locomotives.
5	Wabash	7	19	2,633,621	19,793	100.00	100.00
	Macoupin	.....	3	1,339,503	.....	50.86	.....
	Sangamon	.....	7	759,072	.....	28.82	.....
	Christian	.....	2	317,309	12,830	12.05	64.82
	Vermilion	.....	1	84,200	.....	3.20	.....
	Moultrie	.....	1	72,786	.....	2.76	.....
	Madison	.....	3	60,295	6,963	2.29	35.18
	Macon	.....	2	456	.....	.02	.....
6	St. Louis, Iron Mt. & Southern	3	22	1,921,666	2,124	100.00	100.00
	Williamson	.....	17	1,540,827	1,466	80.18	69.02
	Franklin	.....	4	325,658	658	16.95	30.98
	Jackson	.....	1	55,181	.....	2.87	.....
7	Chicago & Alton	9	25	1,848,087	3,943	100.00	100.00
	Sangamon	.....	13	1,469,268	.....	79.50	.....
	Macoupin	.....	3	158,259	1,973	8.56	50.04
	Logan	.....	2	82,729	.....	4.48	.....
	Marshall	.....	2	70,888	1,970	3.84	49.96
	Will	.....	1	44,451	.....	2.41	.....
	LaSalle	.....	1	8,223	.....	.44	.....
	Livingston	.....	1	7,635	.....	.41	.....
	Grundy	.....	1	6,274	.....	.34	.....
	McLean	.....	1	360	.....	.02	.....
8	Chicago & Illinois Midland	2	3	1,424,077	3,203	100.00	100.00
	Christian	.....	2	1,310,828	.....	92.05	.....
	Sangamon	.....	1	113,249	3,203	7.95	100.00
9	St. Louis, Troy & Eastern	1	3	1,124,318	760	100.00	100.00
	Madison	.....	3	1,124,318	760	100.00	100.00
10	Southern	2	5	900,439	1,215	100.00	100.00
	Clinton	.....	1	507,451	61	56.36	5.02
	St. Clair	.....	4	392,988	1,154	43.64	94.98
11	Baltimore & Ohio Southwestern	6	15	778,180	93,828	100.00	100.00
	Clinton	.....	3	508,204	62,289	65.31	66.39
	St. Clair	.....	4	121,810	.....	15.65	.....
	Sangamon	.....	3	89,100	.....	11.45	.....
	Christian	.....	3	27,945	25,826	3.59	27.52
	Marion	.....	1	21,889	.....	2.81	.....
	White	.....	1	9,232	5,713	1.19	6.09
12	Litchfield & Madison	1	2	769,904	.....	100.00	.....
	Madison	.....	2	769,904	.....	100.00	.....
13	St. Louis & O'Fallon	1	1	725,082	8,184	100.00	100.00
	St. Clair	.....	1	725,082	8,184	100.00	100.00
14	Vandalia	5	6	708,659	.....	100.00	.....
	St. Clair	.....	1	322,812	.....	45.55	.....
	Madison	.....	1	317,785	.....	44.84	.....
	Bond	.....	1	48,546	.....	6.85	.....
	Macon	.....	2	11,946	.....	1.69	.....
	Moultrie	.....	1	7,570	.....	1.07	.....
15	Chicago, Peoria & St. Louis	2	7	564,682	942	100.00	100.00
	Sangamon	.....	6	464,101	.....	82.19	.....
	Menard	.....	1	100,581	942	17.81	100.00

TABLE 39—Continued.

No.	Railroad and county.	Number of counties.	Number of mines.	Tons received by each road for—		Percentage—	
				Shipment.	Locomotives.	Shipped.	Supplied to locomotives.
16	Illinois Traction System	3	11	509,451	68,209	100.00	100.00
	Vermilion	.....	6	375,746	.....	73.76	.....
	Sangamon	.....	4	127,155	68,209	24.96	100.00
	Madison	.....	1	6,550	.....	1.28	.....
17	Minneapolis & St. Louis	2	7	498,949	.....	100.00	.....
	Peoria	.....	2	269,145	.....	53.94	.....
	Fulton	.....	5	229,804	.....	46.06	.....
18	Louisville & Nashville	5	16	429,935	75,426	100.00	100.00
	St. Clair	.....	10	376,821	56,983	87.65	75.55
	Gallatin	.....	2	38,120	.....	8.87	.....
	Saline	.....	2	12,140	.....	2.82	.....
	Washington	.....	1	1,829	18,443	.43	24.45
	Madison	.....	1	1,025	.....	.23	.....
19	Mobile & Ohio	4	8	325,397	2,031	100.00	100.00
	Randolph	.....	4	174,517	.....	53.63	.....
	Jackson	.....	2	79,603	.....	24.46	.....
	St. Clair	.....	1	60,939	2,031	18.73	100.00
	Perry	.....	1	10,338	.....	3.18	.....
20	Elgin, Joliet & Eastern	2	3	294,348	.....	100.00	.....
	Grundy	.....	2	231,258	.....	78.57	.....
	Will	.....	1	63,090	.....	21.43	.....
21	Peoria Ry. Terminal	1	2	286,689	.....	100.00	.....
	Peoria	.....	2	286,689	.....	100.00	.....
22	Toledo, St. Louis & Western	1	2	267,660	.....	100.00	.....
	Montgomery	.....	2	267,660	.....	100.00	.....
23	Peoria & Pekin Union	2	3	255,823	500	100.00	100.00
	Peoria	.....	2	157,243	.....	61.47	.....
	Tazewell	.....	1	98,580	500	38.53	100.00
24	St. Louis & Belleville Electric	1	2	231,821	.....	100.00	.....
	St. Clair	.....	2	231,821	.....	100.00	.....
25	Chicago & North Western	3	6	158,674	33,294	100.00	100.00
	Bureau	.....	3	71,208	33,294	44.88	100.00
	Macoupin	.....	2	63,945	.....	40.30	.....
	Sangamon	.....	1	23,521	.....	14.82	.....
26	Rock Island & Southern	1	2	145,309	466	100.00	100.00
	Mercer	.....	2	145,309	466	100.00	100.00
27	Atchison, Topeka & Santa Fe	5	6	131,090	70,088	100.00	100.00
	Woodford	.....	2	51,508	7,648	39.29	10.91
	Tazewell	.....	1	43,068	.....	32.85	.....
	Marshall	.....	1	14,106	62,440	10.76	89.09
	LaSalle	.....	1	13,484	.....	10.29	.....
	Grundy	.....	1	8,924	.....	6.81	.....
28	Chicago, Rock Island & Pacific	2	5	129,097	21,970	100.00	100.00
	LaSalle	.....	4	117,469	21,970	90.99	100.00
	Mercer	.....	1	11,628	.....	9.01	.....

TABLE 39—Concluded.

No.	Railroad and county.	Number of counties.	Number of mines.	Tons received by each road for— Shipment.	Tons received by each road for— Locomotives.	Percentage— Shipped.	Percentage— Supplied to locomotives.
29	Toledo, Peoria & Western	3	4	125,910	30,055	100.00	100.00
	Peoria		2	67,125		53.31	
	Fulton		1	53,649	11,497	42.61	38.25
	Livingston		1	5,136	18,558	4.08	61.75
30	Cincinnati, Indianapolis & Western	2	4	79,155		100.00	
	Sangamon		2	74,691		94.36	
	Macon		2	4,464		5.64	
31	Chicago, Milwaukee & St. Paul	3	4	78,925	4,627	100.00	100.00
	LaSalle		2	47,250	977	59.87	20.91
	Putnam		1	26,387	3,650	33.43	79.09
	Bureau		1	5,288		6.70	
32	Illinois Southern	2	2	57,761		100.00	
	Perry		1	37,126		64.28	
	Randolph		1	20,635		35.72	
33	East St. Louis & Suburban	1	2	56,384	259	100.00	100.00
	St. Clair		2	56,384	259	100.00	100.00
34	Wabash, Chester & Western	1	3	40,025	6,328	100.00	100.00
	Perry		3	40,025	6,328	100.00	100.00
35	New York Central	1	1	38,650		100.00	
	LaSalle		1	38,650		100.00	
36	Lake Erie & Western	2	2	4,149		100.00	
	Tazewell		1	3,949		95.18	
	McLean		1	200		4.82	
	By boat—Illinois River	1	1	17,386		100.00	
	Peoria		1	17,386		100.00	

* Including 57,313 tons furnished by local mines.

Table 40 is a list of the railroads showing the number of counties and mines served by each, the number of tons hauled and used on locomotives, and the per cent of the whole carried by each road.

TABLE 40—RAILROADS TO WHICH THE COAL HAS BEEN DELIVERED FOR SHIPMENT AND FOR USE ON LOCOMOTIVES, THE NUMBER OF TONS TO EACH AND THE PER CENT HAULED BY EACH ROAD.

No.	Railroad.	Number of counties.	Number of mines.	Tons received by each road for— Shipment.	Tons received by each road for— Locomotives.	Per cent hauled by each road.
	The State	37	284	44,154,419	*676,220	100.00
1	Illinois Central	21	88	8,690,752	209,864	19.68
2	Chicago, Burlington & Quincy	10	53	7,188,509	19,111	16.28

TABLE 40—Concluded.

No.	Railroad.	Number of counties.	Number of mines.	Tons received by each road for— Shipment.	Tons received by each road for— Locomotives.	Per cent hauled by each road.
3	Cleveland, Cincinnati, Chicago & St. Louis	7	28	5,779,353	.....	13.09
4	Chicago & Eastern Illinois	6	25	4,934,502	.....	11.17
5	Wabash	7	19	2,633,621	19,793	5.96
6	St. Louis, Iron Mountain & Southern	3	22	1,921,666	2,124	4.33
7	Chicago & Alton	9	25	1,848,087	3,943	4.19
8	Chicago & Illinois Midland	2	3	1,424,077	3,203	3.23
9	St. Louis, Troy & Eastern	1	3	1,124,318	760	2.55
10	Southern	2	5	900,439	1,215	2.04
11	Baltimore & Ohio Southwestern	6	15	778,180	93,828	1.76
12	Litchfield & Madison	1	2	769,904	.....	1.74
13	St. Louis & O'Fallon	1	1	725,082	8,184	1.64
14	Vandalia	4	6	708,659	.....	1.61
15	Chicago, Peoria & St. Louis	2	7	564,682	942	1.28
16	Illinois Traction System	3	11	509,451	68,209	1.15
17	Minneapolis & St Louis	2	7	498,949	.....	1.13
18	Louisville & Nashville	5	16	429,935	75,426	.97
19	Mobile & Ohio	4	8	325,397	2,031	.74
20	Elgin, Joliet & Eastern	2	3	294,348	.....	.67
21	Peoria Ry. Terminal	1	2	286,689	.....	.65
22	Toledo, St. Louis & Western	1	2	267,660	.....	.61
23	Peoria & Pekin Union	2	3	255,823	500	.58
24	St. Louis & Belleville Electric	1	2	231,821	.....	.53
25	Chicago & Northwestern	3	6	158,674	33,294	.36
26	Rock Island & Southern	1	2	145,309	466	.33
27	Atchison, Topeka & Santa Fe	5	6	131,090	70,088	.30
28	Chicago, Rock Island & Pacific	2	5	129,097	21,970	.29
29	Toledo, Peoria & Western	3	4	125,910	30,055	.29
30	Cincinnati, Indianapolis & Western	2	4	79,155	.....	.18
31	Chicago, Milwaukee & St. Paul	3	4	78,925	4,627	.18
32	Illinois Southern	2	2	57,761	.....	.13
33	East St. Louis & Suburban	1	2	56,384	259	.13
34	Wabash, Chester & Western	1	3	40,025	6,328	.09
35	New York Central	1	1	38,650	.....	.09
36	Lake Erie & Western	2	2	4,149	.....	.01
	By boat—Illinois River	1	1	17,386	.....	.04

* Including 57,313 tons furnished by local mines.

Table 41 shows the counties which produced the commercial coal, the name of the railroad, the tonnage hauled by each and the number of mines contributing.

TABLE 41—COUNTIES WHICH HAVE PRODUCED THE COMMERCIAL COAL OF THE STATE, THE TONNAGE DELIVERED TO THE SEVERAL RAILROADS FOR TRANSPORTATION AND FOR LOCOMOTIVES; ALSO THE PER CENT HAULED BY EACH ROAD.

No.	County and railroad.	Number of railroads.	Number of mines.	Tons delivered to each road for shipment.	Tons delivered to each road for locomotives.	Per cent hauled by each road.
	The State	36	284	44,154,419	*676,220	100.00
1	Franklin	4	19	7,601,195	658	100.00
	Chicago, Burlington & Quincy	.....	14	4,295,691	.....	56.51
	Illinois Central	.....	12	1,535,850	.....	20.21
	Chicago & Eastern Illinois	.....	8	1,443,996	.....	19.00
	St. Louis, Iron Mountain & Southern	.....	3	325,658	658	4.28

TABLE 41—Continued.

No.	County and railroad.	Number of railroads.	Number of mines.	Tons delivered to each road for shipment.	Tons delivered to each road for locomotives.	Per cent hauled by each road.
2	Williamson	4	30	5,031,205	1,475	100.0
	St. Louis, Iron Mountain & Southern	.....	17	1,540,827	1,466	30.62
	Illinois Central	.....	15	1,427,662	9	28.38
	Chicago, Burlington & Quincy	.....	12	1,248,206	.....	24.81
	Chicago & Eastern Illinois	.....	7	814,510	.....	16.19
3	Saline	3	17	4,202,709	7,807	100.00
	Cleveland, Cin., Chi. & St. Louis	.....	16	4,006,448	.....	95.33
	Illinois Central	.....	2	184,121	7,807	4.38
	Louisville & Nashville	.....	2	12,140	.....	.29
4	Sangamon	10	21	3,629,821	71,412	100.00
	Chicago & Alton	.....	13	1,469,268	.....	40.48
	Wabash	.....	7	759,072	.....	20.91
	Chicago, Peoria & St. Louis	.....	6	464,101	.....	12.79
	Illinois Central	.....	6	426,910	.....	11.76
	Illinois Traction System	.....	4	127,155	68,209	3.50
	Chicago & Illinois Midland	.....	1	113,249	3,203	3.12
	Baltimore & Ohio Southwestern	.....	3	89,100	.....	2.45
	Chicago, Burlington & Quincy	.....	1	82,754	.....	2.28
	Cincinnati, Indianapolis & Western	.....	2	74,691	.....	2.06
	Chicago & Northwestern	.....	1	23,521	.....	.65
5	Madison	9	10	3,544,692	7,723	100.00
	St. Louis, Troy & Eastern	.....	3	1,124,318	760	31.72
	Litchfield & Madison	.....	2	769,904	.....	21.72
	Cleveland, Cin., Chi. & St. Louis	.....	1	475,831	.....	13.42
	Chicago & Eastern Illinois	.....	1	475,836	.....	13.42
	Vandalia	.....	1	317,785	.....	8.97
	Illinois Central	.....	1	313,142	.....	8.84
	Wabash	.....	3	60,295	6,963	1.70
	Illinois Traction System	.....	1	6,550	.....	.18
	Louisville & Nashville	.....	1	1,025	.....	.03
6	St. Clair	9	37	2,797,399	115,995	100.00
	St. Louis & O'Fallon	.....	1	725,082	8,184	25.92
	Illinois Central	.....	12	508,742	47,384	18.19
	Illinois Southern	.....	4	392,988	1,154	14.05
	Louisville & Nashville	.....	10	376,821	56,983	13.47
	Vandalia	.....	1	322,812	.....	11.54
	St. Louis & Belleville Electric	.....	2	231,821	.....	8.29
	Baltimore & Ohio Southwestern	.....	4	121,810	.....	4.35
	Mobile & Ohio	.....	1	60,939	2,031	2.18
	East St. Louis & Suburban	.....	2	56,384	259	2.01
7	Montgomery	3	7	2,410,141	.....	100.00
	Cleveland, Cin., Chi. & St. Louis	.....	5	1,205,610	.....	50.02
	Chicago & Eastern Illinois	.....	4	936,871	.....	38.87
	Toledo, St. Louis & Western	.....	2	267,660	.....	11.11
8	Christian	6	8	2,117,123	38,656	100.00
	Chicago & Illinois Midland	.....	2	1,310,828	.....	61.92
	Illinois Central	.....	3	391,482	.....	18.49
	Wabash	.....	2	317,309	12,830	14.99
	Chicago & Eastern Illinois	.....	1	60,523	.....	2.86
	Baltimore & Ohio Southwestern	.....	3	27,945	25,826	1.32
	Cleveland, Cin., Chi. & St. Louis	.....	2	9,036	.....	.42
9	Macoupin	5	10	1,833,335	13,741	100.00
	Wabash	.....	3	1,339,503	.....	73.06
	Chicago, Burlington & Quincy	.....	2	169,949	.....	9.27
	Chicago & Alton	.....	3	158,259	1,973	8.63
	Illinois Central	.....	1	101,679	11,768	5.55
	Chicago & Northwestern	.....	2	63,945	.....	3.49

TABLE 41—Continued.

No.	County and railroad.	Number of railroads.	Number of mines.	Tons delivered to each road for shipment.	Tons delivered to each road for locomotives.	Per cent hauled by each road.
10	Perry	4	11	1,725,270	69,185	100.00
	Illinois Central	.....	7	1,637,781	62,857	94.93
	Wabash, Chester & Western	.....	3	40,025	6,328	2.32
	Illinois Southern	.....	1	37,126	.....	2.15
	Mobile & Ohio	.....	1	10,338	.....	.60
11	Vermilion	4	10	1,683,753	.....	100.00
	Chicago & Eastern Illinois	.....	4	1,202,766	.....	71.43
	Illinois Traction System	.....	6	375,746	.....	22.32
	Wabash	.....	1	84,200	.....	5.00
	Cleveland, Cin., Chi. & St. Louis	.....	1	21,041	.....	1.25
12	Fulton	3	18	1,264,056	30,608	100.00
	Chicago, Burlington & Quincy	.....	15	980,603	19,111	77.58
	Minneapolis & St. Louis	.....	5	229,804	.....	18.18
	Toledo, Peoria & Western	.....	1	53,649	11,497	4.24
13	Clinton	2	4	1,015,655	62,350	100.00
	Baltimore & Ohio Southwestern	.....	3	508,204	62,289	50.04
	Illinois Southern	.....	1	507,451	61	49.96
14	Peoria	5	11	†961,424	.....	100.00
	Peoria Ry. Terminal	.....	2	286,689	.....	30.37
	Minneapolis & St. Louis	.....	2	269,145	.....	28.51
	Chicago, Burlington & Quincy	.....	2	163,836	.....	17.35
	Peoria & Pekin Union	.....	2	157,243	.....	16.66
	Toledo, Peoria & Western	.....	2	67,125	.....	7.11
15	Marion	3	4	685,031	.....	100.00
	Illinois Central	.....	4	604,209	.....	88.20
	Chicago, Burlington & Quincy	.....	1	58,933	.....	8.60
	Baltimore & Ohio Southwestern	.....	1	21,889	.....	3.20
16	Jackson	3	6	625,964	43,689	100.00
	Illinois Central	.....	3	491,180	43,689	78.47
	Mobile & Ohio	.....	2	79,603	.....	12.72
	St. Louis, Iron Mountain & Southern	.....	1	55,181	.....	8.81
17	Randolph	3	9	605,360	.....	100.00
	Illinois Central	.....	5	410,208	.....	67.76
	Mobile & Ohio	.....	4	174,517	.....	28.83
	Illinois Southern	.....	1	20,635	.....	3.41
18	LaSalle	7	11	505,807	22,947	100.00
	Chicago, Burlington & Quincy	.....	4	168,136	.....	33.24
	Chicago, Rock Island & Pacific	.....	4	117,469	21,970	23.22
	Illinois Central	.....	4	112,595	.....	22.26
	Chicago, Milwaukee & St. Paul	.....	2	47,250	977	9.34
	New York Central	.....	1	38,650	.....	7.64
	Atchison, Topeka & Santa Fe	.....	1	13,484	.....	2.67
	Chicago & Alton	.....	1	8,223	.....	1.63
19	Logan	2	3	263,013	28,594	100.00
	Illinois Central	.....	3	180,284	28,594	68.55
	Chicago & Alton	.....	2	82,729	.....	31.45
20	Grundy	3	2	246,456	.....	100.00
	Elgin, Joliet & Eastern	.....	2	231,258	.....	93.83
	Atchison, Topeka & Santa Fe	.....	1	8,924	.....	3.62
	Chicago & Alton	.....	1	6,274	.....	2.55

TABLE 41—Continued.

No.	County and railroad.	Number of railroads.	Number of mines.	Tons delivered to each road for shipment.	Tons delivered to each road for locomotives.	Per cent hauled by each road.
21	Tazewell	4	4	206,470	500	100.00
	Peoria & Pekin Union		1	98,580	500	47.75
	Cleveland, Cin., Chi. & St. Louis		2	60,873		29.48
	Atchison, Topeka & Santa Fe		1	43,068		20.86
	Lake Erie & Western		1	3,949		1.91
22	Washington	3	3	188,939	18,443	100.00
	Illinois Central		2	179,465		94.46
	Chicago, Burlington & Quincy		1	8,645		4.58
	Louisville & Nashville		1	1,829	18,443	.96
23	Mercer	2	3	156,937	466	100.00
	Rock Island & Southern		2	145,309		92.59
	Chicago, Rock Island & Pacific		1	11,628	466	7.41
24	Marshall	3	2	148,840	64,410	100.00
	Chicago & Alton		2	70,888	1,970	47.63
	Illinois Central		1	63,846		42.89
	Atchison, Topeka & Santa Fe		1	14,106	62,440	9.48
25	Will	2	2	107,541		100.00
	Elgin, Joliet & Eastern		1	63,090		58.65
	Chicago & Alton		1	44,451		41.35
26	Menard	1	1	100,581	942	100.00
	Chicago, Peoria & St. Louis		1	100,581	942	100.00
27	Bureau	3	5	88,252	33,294	100.00
	Chicago & Northwestern		3	71,208	33,294	80.69
	Chicago, Burlington & Quincy		1	11,756		13.32
	Chicago, Milwaukee & St. Paul		1	5,288		5.99
28	Woodford	2	2	87,975	7,648	100.00
	Atchison, Topeka & Santa Fe		2	51,508	7,648	58.55
	Illinois Central		1	36,467		41.45
29	Moultrie	2	1	80,356		100.00
	Wabash		1	72,786		90.58
	Vandalia		1	7,570		9.42
30	Shelby	1	1	63,615		100.00
	Illinois Central		1	63,615		100.00
31	Bond	1	1	48,546		100.00
	Vandalia		1	48,546		100.00
32	Gallatin	1	2	38,120		100.00
	Louisville & Nashville		2	38,120		100.00
33	Macon	4	2	37,670		100.00
	Illinois Central		2	20,804		55.23
	Vandalia		2	11,946		31.71
	Cincinnati, Indianapolis & Western		2	4,464		11.85
	Wabash		2	456		1.21
34	Putnam	1	2	26,387	3,650	100.00
	Chicago, Milwaukee & St. Paul		2	26,387	3,650	100.00

TABLE 41—Concluded.

No.	County and railroad.	Number of railroads.	Number of mines.	Tons delivered to each road for shipment.	Tons delivered to each road for locomotives.	Per cent hauled by each road.
35	Livingston	3	2	13,771	18,558	100.00
	Chicago & Alton	.....	1	7,635	.....	55.44
	Toledo, Peoria & Western	.....	1	5,136	18,558	37.30
	Illinois Central	.....	1	1,000	.....	7.26
36	White	2	1	9,740	5,713	100.00
	Baltimore & Ohio Southwestern	.....	1	9,232	5,713	94.78
	Cleveland, Cin., Chi. & St. Louis	.....	1	508	.....	5.22
37	McLean	3	2	1,270	7,756	100.00
	Illinois Central	.....	2	710	7,756	55.90
	Chicago & Alton	.....	1	360	.....	28.35
	Lake Erie & Western	.....	1	200	.....	15.75

* Including 57,313 tons furnished by local mines.
† Including 17,386 tons shipped by boat.

Table 42 gives the disposition of the output of the shipping mines by counties and the number of railroads operating in each.

TABLE 42—SHIPPING OR COMMERCIAL COLLIERIES—DISPOSITION OF OUTPUT.

No.	County.	Number of mines.	Number of railroads.	Total output—all grades—tons.	Disposition of output— Loaded on cars for shipment.	Supplied to locomotives at the mines.	Sold to railroad companies and loaded on cars.	Sold to local trade.	Consumed and wasted at the mine.
	All shipping mines	284	36	62,283,236	44,154,419	618,907	14,447,497	1,165,546	1,896,867
1	Franklin	19	5	9,070,811	7,601,195	658	1,151,530	50,181	267,247
2	Williamson	30	4	7,880,259	5,031,205	1,475	2,480,440	33,425	333,714
3	Saline	17	3	4,477,062	4,202,709	7,807	137,281	31,663	97,602
4	Sangamon	21	11	4,784,315	3,629,821	71,412	861,321	113,811	107,950
5	Madison	10	9	3,717,677	3,544,692	7,723	62,779	36,960	65,523
6	St. Clair	37	9	3,181,775	2,797,399	60,128	106,500	98,070	119,682
7	Montgomery	7	3	3,123,882	2,410,141	.....	619,191	19,199	75,351
8	Christian	8	6	2,373,362	2,117,123	38,656	71,351	74,922	71,310
9	Macoupin	10	5	5,251,808	1,833,335	13,741	3,173,250	36,055	195,427
10	Perry	11	4	2,491,132	1,725,270	69,185	640,353	19,458	36,866
11	Vermilion	10	4	2,473,696	1,683,753	.....	728,379	26,393	35,171
12	Fulton	18	3	1,901,309	1,264,056	30,608	538,230	11,790	56,625
13	Clinton	4	2	1,395,588	1,015,655	62,350	253,322	16,369	47,892
14	Peoria	11	5	1,195,000	961,424	.....	211,157	4,382	18,037
15	Marion	4	3	900,493	685,031	.....	179,838	9,090	26,534
16	Jackson	6	3	805,647	625,964	43,689	42,894	37,409	55,691
17	Randolph	9	3	902,434	605,360	.....	264,432	11,902	20,740
18	LaSalle	11	7	928,471	505,807	22,947	261,106	88,493	50,118
19	Logan	3	2	401,460	263,013	28,594	32,951	59,284	17,618
20	Grundy	2	3	303,415	216,456	.....	22,563	15,568	18,828
21	Tazewell	4	4	271,853	206,470	.....	27,369	33,329	4,685
22	Washington	3	3	603,088	188,939	18,443	361,924	32,481	1,301
23	Mercer	3	2	336,848	156,937	466	163,654	2,036	13,755
24	Marshall	2	3	434,803	148,840	64,410	182,056	16,901	22,596
25	Will	2	2	124,444	107,541	.....	.....	10,908	5,995

TABLE 42—Concluded.

No.	County.	Number of mines.	Number of railroads.	Total output—all grades—tons.	Disposition of output— Loaded on cars for shipment.	Supplied to locomotives at the mines.	Sold to railroad companies and loaded on cars.	Sold to local trade.	Consumed and wasted at the mine.
26	Menard	1	1	126,986	100,581	.....	20,000	3,938	2,467
27	Bureau	5	3	1,293,310	88,252	33,294	1,088,634	26,363	56,767
28	Woodford	2	2	185,083	87,975	7,648	64,751	15,168	9,547
29	Moultrie	1	2	180,040	80,356	.....	86,930	4,900	7,854
30	Shelby	1	1	76,533	63,615	.....	.....	9,983	2,935
31	Bond	1	1	56,482	48,546	.....	.....	2,826	5,110
32	Gallatin	2	1	50,549	38,120	.....	8,500	1,829	2,100
33	Macon	2	4	173,530	37,670	.....	.....	128,859	7,001
34	Putnam	2	1	648,802	26,387	3,650	582,987	13,357	22,421
35	Livingston	2	3	50,363	13,771	18,558	.....	16,009	2,025
36	White	1	2	27,151	9,740	5,713	1,824	7,363	2,511
37	McLean	2	3	83,775	1,270	7,756	20,000	44,872	9,877

Table 43 is a list of the counties containing shipping mines and shows the tonnage shipped, and furnished to locomotives, also shows the per cent of the total supplied by each county.

TABLE 43—COUNTIES CONTAINING SHIPPING MINES, TONS SHIPPED AND PER CENT FURNISHED BY EACH.

No.	County.	Number of railroads.	Number of mines.	Tons received by each road for shipment.	Tons received by each road for locomotives.	Per cent shipped.
	The State	36	284	44,154,419	*676,220	100.00
1	Franklin	4	19	7,601,195	658	17.21
2	Williamson	4	30	5,031,205	1,475	11.39
3	Saline	3	17	4,202,709	7,807	9.52
4	Sangamon	10	21	3,629,821	71,412	8.22
5	Madison	9	10	3,544,692	7,723	8.03
6	St. Clair	9	37	2,797,399	115,995	6.34
7	Montgomery	3	7	2,410,141	.....	5.46
8	Christian	6	8	2,117,123	38,656	4.79
9	Macoupin	5	10	1,833,335	13,741	4.15
10	Perry	4	11	1,725,270	69,185	3.91
11	Vermilion	4	10	1,683,753	.....	3.81
12	Fulton	3	18	1,264,056	30,608	2.86
13	Clinton	2	4	1,015,655	62,350	2.30
14	Peoria	5	11	961,424	.....	2.18
15	Marion	3	4	685,031	.....	1.55
16	Jackson	3	6	625,964	43,689	1.42
17	Randolph	3	9	605,360	.....	1.37
18	LaSalle	7	11	505,807	22,947	1.15
19	Logan	2	3	263,013	28,594	.60
20	Grundy	3	2	246,456	.....	.56
21	Tazewell	4	4	206,470	500	.47
22	Washington	3	3	188,939	18,443	.43
23	Mercer	2	3	156,937	466	.36
24	Marshall	3	2	148,840	64,410	.34
25	Will	2	2	107,541	.....	.24
26	Menard	1	1	100,581	942	.23
27	Bureau	3	5	88,252	33,294	.20
28	Woodford	2	2	87,975	7,648	.20
29	Moultrie	2	1	80,356	.....	.18
30	Shelby	1	1	63,615	.....	.14

TABLE 43—Concluded.

No.	County.	Number of railroads.	Number of mines.	Tons received by each road for shipment.	Tons received by each road for locomotives.	Per cent shipped.
31	Bond	1	1	48,546	.....	.11
32	Gallatin	1	2	38,120	.....	.09
33	Macon	4	2	37,670	.....	.08
34	Putnam	1	2	26,387	3,650	.06
35	Livingston	3	2	13,771	18,558	.03
36	White	2	1	9,740	5,713	.02
37	McLean	3	2	1,270	7,756	.....

* Including 57,313 tons furnished by local mines.

UNDERGROUND HAULAGE.

Table 44 shows the method of underground haulage in the shipping mines. The number of mines and tons hauled by each method is also shown.

TABLE 44—HAULAGE OF COAL IN SHIPPING MINES, BY DISTRICTS.

Districts.	Motor.			Cable.		Mule.		Hand.	
	Number of mines.	Number of motors.	Tons.	Number of mines.	Tons.	Number of mines.	Tons.	Number of mines.	Tons.
First	3	5	366,426	.....	.....	14	1,040,267	.....	.....
Second	2	4	210,661	2	217,201	4	1,202,296	.....	.....
Third	10	26	1,883,011	2	52,152	10	1,227,364	.....	.....
Fourth	10	16	1,299,010	1	45,168	7	557,131	.....	.....
Fifth	14	55	4,529,650	1	88,994	5	408,267	.....	.....
Sixth	17	50	3,721,451	.....	.....	9	1,548,099	.....	.....
Seventh	17	85	8,375,690	.....	.....	.....	.....	.....	.....
Eighth	15	43	5,932,644	.....	.....	4	137,596	.....	.....
Ninth	18	32	2,485,764	.....	.....	19	696,011	.....	.....
Tenth	11	50	3,642,212	1	271,720	17	888,369	.....	.....
Eleventh	34	217	13,462,647	.....	.....	5	162,926	.....	.....
Twelfth	25	65	7,530,839	.....	.....	4	255,298	.....	.....
The State, 1916.	176	648	53,140,005	7	675,235	98	8,123,624	.....	.....
The State, 1915	173	602	47,239,554	7	320,062	92	7,947,497	6	502,645
The State, 1914	191	540	47,485,729	6	478,041	139	11,233,532	1	106,858
The State, 1913	185	467	46,194,737	13	1,173,528	168	13,014,153	.....	.....
The State, 1912	165	381	37,958,050	4	400,970	210	17,707,993	1	29,682
The State, 1911	137	303	29,310,173	24	2,321,016	219	16,839,883	7	287,585
The State, 1910	106	229	23,204,480	25	2,508,343	251	21,243,637	8	268,741
The State, 1909	96	210	21,892,462	16	1,396,154	268	24,645,398	4	24,548
The State, 1908	88	185	19,024,665	32	3,273,753	283	25,482,634	4	28,678
The State, 1907	75	129	16,542,575	26	2,864,241	303	26,689,533	5	46,865

NOTE—Three strip mines, two in the fifth and one in the twelfth district, are not included in this table.

EARNINGS OF MINERS.

Table 45 gives the average price paid per ton for hand and machine mining and the number of tons mined by each method, by districts.

TABLE 45—AVERAGE PRICE PAID FOR MINING BY HAND AND MACHINE IN SHIPPING AND LOCAL MINES, BY DISTRICTS.

District.	Mining by hand.				Machine mining.			
	Shipping mines.		Local mines.		Shipping mines.		Local mines.	
	Tons.	Average price per ton.	Tons.	Average price per ton.	Tons.	Average price per ton.	Tons.	Average price per ton.
First	1,398,200	$0.946	275,511	$0.694	8,493	$0.86	25,819	*
Second	1,607,938	.865	127,050	1.022	22,220	.83	11,450	*
Third	2,536,679	.805	202,141	.738	325,848	.599	.....	.....
Fourth	1,453,398	.68	176,951	.948	447,911	.614	8,500	*
Fifth	2,560,422	.613	141,236	.651	2,716,739	.532	.....	.....
Sixth	4,527,707	.62	85,666	.617	741,843	.54	.....	.....
Seventh	932,133	.61	16,290	1.015	7,443,557	.56	6,988	$0.57
Eighth	693,780	.577	45,690	.665	5,376,460	.54	5,063	.54
Ninth	959,633	.612	133,875	.61	2,222,142	.54	.....	.....
Tenth	1,743,425	.579	58,530	.61	3,058,876	.507	.....	.....
Eleventh	493,294	.57	43,284	.687	13,132,279	.50	.....	.....
Twelfth	4,064,251	.57	26,250	.309	3,816,008	.50	.....	.....
The State	22,970,860	$0.67	1,332,474	$0.749	39,312,376	$0.524	57,820	$0.557

* Paid daily wages.

Table 46 is the record for 16 years of the tons produced and the average price per ton—hand and machine mining—in the shipping mines.

TABLE 46—TOTAL TONNAGE AND AVERAGE PRICES PAID FOR HAND AND MACHINE MINING AT SHIPPING MINES FOR A SERIES OF 16 YEARS—1901–1916.

Year.	Hand mining.		Machine mining.	
	Tons.	Price per ton.	Tons.	Price per ton.
1901	20,172,779	$0.564	5,774,639	$0.412
1902	22,186,812	.564	6,647,086	.395
1903	26,042,104	.57	7,646,777	.434
1904	28,648,682	.593	7,130,835	.466
1905	27,762,968	.578	8,193,575	.443
1906	27,566,180	.57	9,563,230	.442
1907	31,854,488	.592	14,490,454	.479
1908	32,604,716	.593	15,210,403	.467
1909	31,556,456	.593	16,407,692	.466
1910	29,048,947	.597	18,176,254	.462
1911	28,769,398	.627	19,998,259	.494
1912	30,588,981	.636	25,550,059	.496
1913	30,487,196	.664	30,028,220	.521
1914	27,857,534	.657	31,386,303	.524
1915	22,216,182	.666	33,956,374	.52
1916	22,720,610	.67	39,312,376	.524

Table 47 shows the earnings of miners where no machines are used.

TABLE 47—EARNINGS OF MINERS, HAND MINING EXCLUSIVELY, IN SHIPPING MINES, BY DISTRICT.

Districts.	Number of miners.	Average days worked.	Tons mined.	Average rate per ton.	Gross earnings.	Average earnings for year.	Average earnings per day.
First	2,293	198	1,354,479	$0.946	$1,281,968	$559.08	$2.82
Second	1,852	209	1,338,122	.857	1,146,582	619.10	2.96
Third	3,049	212	2,343,162	.805	1,886,245	618.64	2.96
Fourth	1,458	187	1,259,676	.68	856,580	587.50	3.14
Fifth	1,833	200	1,964,384	.612	1,202,202	655.87	3.28
Sixth	4,762	198	4,527,707	.62	2,809,607	590.00	2.98
Seventh	877	166	798,394	.61	487,020	555.32	3.35
Eighth	689	160	607,296	.572	347,633	504.55	3.15
Ninth	1,183	112	889,380	.612	544,300	460.10	4.11
Tenth	1,073	159	1,004,017	.58	582,410	542.80	3.41
Eleventh	86	145	59,660	.57	34,006	395.42	2.73
Twelfth	2,201	203	2,613,158	.57	1,489,500	676.74	3.33
The State	21,356	176	18,759,435	$0.675	$12,668,053	$593.19	$3.37

Table 48 shows the earnings of machine men and loaders where machine mining is done exclusively.

TABLE 48—EARNINGS OF MACHINE MEN AND LOADERS, MACHINE MINING EXCLUSIVELY, BY DISTRICT.

Districts.	Number of machine-men and loaders.	Average days worked.	Tons mined.	Average rate per ton.	Gross earnings.	Average earnings for year.	Average earnings per day.
Third	258	252	264,142	$0.60	$ 158,310	$613.60	$2.43
Fourth	101	182	87,068	.61	53,111	529.81	2.91
Fifth	1,180	193	1,795,839	.538	966,730	819.26	4.24
Sixth	714	131	741,843	.54	400,595	561.06	4.28
Seventh	4,159	198	6,776,694	.562	3,806,651	915.28	4.62
Eighth	3,441	205	5,289,975	.539	2,850,000	828.25	4.04
Ninth	1,190	163	1,463,045	.54	790,048	663.91	4.07
Tenth	1,405	179	1,925,611	.514	988,827	703.79	3.93
Eleventh	6,781	178	9,777,638	.50	4,888,819	720.96	4.05
Twelfth	1,102	208	1,548,393	.50	774,197	702.54	3.38
The State	20,331	186	29,670,248	$0.528	$15,677,288	$771.10	$4.15

Table 49 gives the number of mines, machines used and tons produced, in those mines where machine mining is done either exclusively or in part.

TABLE 49—MACHINE MINING—MINES, MEN, MACHINES AND TONS.

Districts.	Mines in which machines are used—									
	Exclusively.				In part.			Total.		
	Mines.	Men.	Machines.	Tons.	Mines.	Machines.	Tons.	Mines.	Machines.	Tons.
First	.....	.....	.....	.....	1	1	8,493	1	1	8,493
Second	.....	.....	.....	.....	1	2	22,220	1	2	22,220
Third	3	342	24	264,142	3	9	61,706	6	33	325,848
Fourth	1	134	6	87,068	3	24	360,843	4	30	447,911
Fifth	5	1,659	75	1,795,839	4	40	920,900	9	115	2,716,739
Sixth	2	1,077	29	741,843	.....	.....	.....	2	29	741,843
Seventh	12	6,289	260	6,776,694	2	31	666,863	14	291	7,443,557
Eighth	12	4,801	184	5,289,975	1	9	86,485	13	193	5,376,460
Ninth	11	1,645	112	1,463,045	2	41	759,097	13	153	2,222,142
Tenth	8	1,956	73	1,925,611	5	49	1,133,265	13	122	3,058,876
Eleventh	39	10,121	450	9,777,638	8	133	3,354,641	47	583	13,132,279
Twelfth	5	1,531	103	1,548,393	11	162	2,267,615	16	265	3,816,008
Shipping mines	98	29,546	1,316	29,670,248	41	501	9,642,128	139	1,817	39,312,376
Local mines	5	59	5	57,820	.....	.....	.....	.....	.....	57,820
Total	103	29,605	1,321	29,728,068	.....	.....	.....	.....	.....	39,370,196

Table 50 is the record of the machine mining for 17 years.

TABLE 50—MACHINE MINING—MINES, MEN, MACHINES, TONS, FOR 17 YEARS.

Year.	Mines in which machines are used—									
	Exclusively.				In part.			Total.		
	Mines.	Men.	Machines.	Tons.	Mines.	Machines.	Tons.	Mines.	Machines.	Tons.
1900	38	3,883	272	3,765,601	29	158	1,817,993	67	430	5,583,594
1901	29	3,499	280	3,761,270	34	184	2,015,369	63	464	5,774,639
1902	34	4,811	308	4,460,025	30	156	2,037,098	64	464	6,497,123
1903	33	4,378	292	4,393,052	35	230	3,253,725	68	522	7,646,777
1904	40	3,691	400	4,903,184	27	223	2,237,243	67	623	7,140,427
1905	52	4,635	560	6,406,571	24	224	1,795,495	76	784	8,202,066
1906	57	6,137	685	7,638,536	28	277	1,924,694	85	962	9,563,230
1907	60	6,858	748	10,434,573	41	357	4,055,881	101	1,105	14,490,454
1908	60	12,357	754	11,246,285	45	406	3,964,138	105	1,160	15,210,423
1909	55	12,258	771	10,637,513	52	475	5,770,179	107	1,246	16,407,692
1910	61	14,454	839	12,474,471	53	450	5,701,783	114	1,289	18,176,254
1911	60	14,754	854	12,625,625	66	576	7,372,634	126	1,430	19,998,259
1912	69	18,363	957	16,960,021	70	624	8,590,038	139	1,581	25,550,059
1913	86	22,769	1,065	21,184,931	54	624	9,043,589	140	1,689	30,228,520
1914	98	26,488	1,333	24,021,685	43	495	7,425,138	141	1,828	31,446,823
1915	97	28,547	1,274	26,750,007	34	412	7,262,419	131	1,686	34,037,426
1916	98	29,546	1,316	29,670,248	41	501	9,642,128	139	1,817	39,312,376

EXPLOSIVES USED FOR BLASTING COAL.

Table 51 gives by districts the number of men employed, the tons produced, kegs of powder and pounds of permissible explosives used for blasting coal in the shipping mines.

TABLE 51—CONSUMPTION OF POWDER AND PERMISSIBLE EXPLOSIVES FOR BLASTING COAL IN SHIPPING MINES.

District.	Number of mines.	Number of men.	Number of tons.	Number of kegs of powder used.	Pounds of permissible explosives.
First	6	827	342,930	7,502	10
Second	4	1,193	736,538	11,190	9,553
Third	17	2,857	1,942,814	85,467	2,033
Fourth	18	2,760	1,901,309	90,741	.....
Fifth	18	5,452	4,853,396	103,594	7,950
Sixth	25	7,275	5,201,250	230,989	.....
Seventh	17	8,327	8,375,690	74,722	112,805
Eighth	19	6,099	6,070,240	75,470	.....
Ninth	37	3,844	3,181,775	53,066	45
Tenth	29	5,192	4,802,301	99,051	25
Eleventh	38	13,119	13,127,504	59,317	1,389,065
Twelfth	30	8,502	7,880,259	214,927	15,540
Total	258	65,447	58,416,006	1,106,036	1,536,726

PHYSICAL CHARACTERISTICS.

Table 52 presents the name and physical characteristics, the location and output of each mine in the State.

TABLE 52—PHYSICAL CHARACTERISTICS OF COAL MINES, 1916.

Number.	Name of operator.	Post-office address of mine.	Physical character of mines.								Total tons.
			Geological number of seam.	Depth of coal below the surface—feet.	Thickness of seam—feet and inches.	Shaft—slope, drift.	Hoisting—steam, horse, hand.	Long wall, pillar and room.	Haulage—hand, mule, cable, electric.	Mining—hand, machine, both.	
	BOND COUNTY.										
1	Pocahontas Mining Co.	Pocahontas	6	386	7.0	Sh.	St.	P. R.	Mule	Hd.	56,482
	Total—1 mine										56,482
	BUREAU COUNTY.										
1	St. Paul Coal Co., No. 2	Cherry	2	481	3.0	Sh.	St.	L. W.	Mule	Hd.	399,690
2	Springvalley C. Co., No. 3	Springvalley	2	457	3.4	Sh.	St.	L. W.	Mule	Hd.	310,093
3	Springvalley C. Co., No. 1	do.	2	339	3.4	Sh.	St.	L. W.	Mule	Both.	291,036
4	Ill. Third Vein C. Co., No. 1	Ladd	2	468	3.6	Sh.	St.	L. W.	Mule	Hd.	201,477
5	Springvalley C. Co., No. 5	Dalzell	2	421	3.4	Sh.	St.	L. W.	M. & M.	Hd.	91,014
6	D. C. Brandt	Mineral	6	30	4.6	Sl.	Ho.	P. R.	Hand	Hd.	3,113
7	T. H. Williams	Sheffield	6	50	4.6	Sl.	St.	P. R.	Hand	Hd.	2,159
	Total—7 mines										1,298,582
	CASS COUNTY.										
1	Edwin S. Knight	Beardstown	2	70	2.6	Dr.	Hd.	P. R.	Hand	Hd.	1,200
	Total—1 mine										1,200
	CHRISTIAN COUNTY.										
1	Peabody Coal Co., No. 7	Taylorville	6	349	7.6	Sh.	St.	P. R.	Motor	Mc.	890,932
2	Peabody Coal Co., No. 8	do.	6	365	7.0	Sh.	St.	P. R.	Motor	Mc.	427,202
3	Penwell Coal Co.	Pana	6	735	7.0	Sh.	St.	P. R.	Motor	Hd.	275,216
4	Peabody Coal Co., No. 21	Stonington	6	480	7.6	Sh.	St.	P. R.	M. & M.	Mc.	269,731
5	Smith-Lohr Coal Min. Co.	Pana	6	720	7.6	Sh.	St.	P. R.	M. & M.	Hd.	239,012
6	Springfield C. M. Co., No. 6	Taylorville	6	486	7.6	Sh.	St.	P. R.	M. & M.	Hd.	182,238

TABLE 52—Continued.

Number.	Name of operator.	Post-office address of mine.	Physical character of mines. Geological number of seam.	Depth of coal below the surface—feet.	Thickness of seam—feet and inches.	Shaft—slope, drift.	Hoisting—steam, horse, hand.	Long wall, pillar and room.	Haulage—hand, mule, cable, electric.	Mining—hand, machine, both.	Total tons.
7	Assumption C. M. Co.	Assumption	1	1,004	3.6	Sh.	St.	P. R.	Motor	Both.	77,994
8	Greenwood Coal Co.	Edinburg	5	365	7.0	Sh.	St.	P. R.	Mule	Hd.	11,037
	Total—8 mines										2,373,362
	CLINTON COUNTY.										
1	So. C., C. & M. Co., No. 9	New Baden	6	318	7.9	Sh.	St.	P. R.	M. & M.	Mc.	532,775
2	Breese-Trenton M. Co., Bux	Beckemeyer	6	440	7.8	Sh.	St.	P. R.	M. & M.	Mc.	352,436
3	Breese-Trenton M. Co., Br.	Breese	6	400	7.8	Sh.	St.	P. R.	M. & M.	Mc.	260,462
4	North Breese C. M. Co.	do	6	380	7.6	Sh.	St.	P. R.	M. & M.	Mc.	249,915
	Total—4 mines										1,395,588
	FRANKLIN COUNTY.										
1	Old Ben C. Corp., No. 8	W. Frankfort	6	460	8.10	Sh.	St.	P. R.	Motor	Mc.	938,868
2	Bell & Zoller M. Co., No. 1	Zeigler	6	417	12.0	Sh.	St.	P. R.	Motor	Both.	933,012
3	Old Ben C. Corp., No. 9	W. Frankfort	6	462	8.7	Sh.	St.	P. R.	Motor	Mc.	743,651
4	Chi., Wilm. & Franklin C. Co., No. 1	Orient	6	520	10.0	Sh.	St.	P. R.	Motor	Mc.	722,550
5	United Coal Corp., No. 2	Christopher	6	425	9.0	Sh.	St.	P. R.	Motor	Mc.	708,421
6	Sesser Coal Co., No. 1	Sesser	6	647	8.6	Sh.	St.	P. R.	M. & M.	Both.	673,570
7	Christopher C. M. Co., No. 1	Christopher	6	517	9.6	Sh.	St.	P. R.	Motor	Both.	671,962
8	Franklin C. & C. Co., No. 1	Royalton	6	317	9.6	Sh.	St.	P. R.	M. & M.	Both.	573,584
9	United C. Corp., No. 1	Christopher	6	425	9.6	Sh.	St.	P. R.	Motor	Mc.	572,165
10	Christopher C. M. Co., No. 2	Christopher	6	593	12.0	Sh.	St.	P. R.	Motor	Both.	521,994
11	W. Frankfort C. Co., No. 1	W. Frankfort	6	450	7.10	Sh.	St.	P. R.	M. & M.	Mc.	436,282
12	Benton Coal Co.	Benton	6	640	7.0	Sh.	St.	P. R.	M. & M.	Mc.	425,934
13	Producers C. Co., No. 19	W. Frankfort	6	494	8.0	Sh.	St.	P. R.	M. & M.	Mc.	254,826
14	W. P. Rend Col. Co., No. 1	Rend	6	567	7.8	Sh.	St.	P. R.	M. & M.	Mc.	247,330
15	Taylor Mining Co.	Herrin	6	350	11.0	Sh.	St.	P. R.	Motor	Mc.	208,824
16	Producers C. Co., No. 18	W. Frankfort	6	512	7.0	Sh.	St.	P. R.	Motor	Mc.	203,061
17	John A. Logan C. Co., No. 1	Logan	6	700	6.6	Sh.	St.	P. R.	M. & M.	Mc.	150,476
18	Middle Fork Mining Co.	Benton	6	600	7.8	Sh.	St.	P. R.	Mule	Mc.	51,115
19	Franklin C. & C. Co., No. 2	Royalton	6	210	9.6	Sh.	St.	P. R.	C. & M.	Hd.	33,186
	Total—19 mines										9,070,811
	FULTON COUNTY.										
1	Big Creek C. Co., No. 2	St. David	5	60	4.6	Dr.	St.	P. R.	M. & M.	Both.	266,995
2	Big Creek C. Co., No. 4	Dunfermline	5	90	4.8	Sh.	St.	P. R.	M. & M.	Both.	184,758
3	Silver Creek Col. Co., No. 1	Farmington	5	50	4.0	Sh.	St.	P. R.	M. & M.	Hd.	171,168
4	Star Coal Co., No. 3	Cuba	5	40	4.8	Sh.	St.	P. R.	Mule	Hd.	161,006
5	Monmouth C. M. Co., No. 1	Brereton	5	158	4.6	Sh.	St.	P. R.	M. & M.	Hd.	137,679
6	Maplewood Col. Co., No. 2	Farmington	5	150	4.0	Sh.	St.	P. R.	Motor	Hd.	135,259
7	Alden Coal Co., No. 5	do	5	171	4.0	Sh.	St.	P. R.	Mule	Hd.	111,210
8	Simmons Coal Co.	Canton	5	126	4.10	Sh.	St.	P. R.	M. & M.	Both.	102,812
9	National Coal Mining Co.	Farmington	5	100	4.0	Sh.	St.	P. R.	Mule	Hd.	97,104
10	Eagle Mining Co.	Canton	5	100	5.0	Sh.	St.	P. R.	M. & M.	Hd.	94,833
11	Alden Coal Co., No. 8	Farmington	5	78	4.0	Sh.	St.	P. R.	Mule	Mc.	87,068
12	Spoon River C. Co., No. 1	London Mills	1	45	4.0	Sh.	St.	P. R.	Motor	Hd.	85,088
13	Alden Coal Co., No. 6	Norris	5	176	4.0	Sh.	St.	P. R.	M. & M.	Hd.	71,603
14	Maplewood C. Co., No. 1	Farmington	5	125	4.0	Sh.	St.	P. R.	Motor	Hd.	48,815
15	Big Creek C. Co., No. 3	Cuba	5	50	4.8	Sh.	St.	P. R.	C. & M.	Hd.	45,168
16	Star Coal Co., No. 2	do	5		4.10	Sl.	St.	P. R.	Mule	Hd.	42,736
17	Star Coal Co., No. 1	Fiatt	5	80	4.8	Sh.	St.	P. R.	Mule	Hd.	29,855
18	Coal Creek Mining Co.	Fairview	5		4.10	Dr.	St.	P. R.	Mule	Hd.	28,152
19	Niel Baxter	Canton	5	65	5.0	Sl.	St.	P. R.	Mule	Hd.	18,500
20	Westerly Bros. & Gooden	Farmington	5	125	5.0	Sh.	St.	P. R.	Mule	Hd.	14,250
21	Joe Jankovich	Canton	5	75	5.0	Sl.	St.	P. R.	Mule	Hd.	11,450
22	W. S. Middleton	do	5	75	4.10	Dr.	Ho.	P. R.	Mule	Mc.	8,500
23	Joe McLaughlin	do	5	60	5.0	Sh.	St.	P. R.	Mule	Hd.	7,500
24	George Grindall	Cuba	5	70	4.8	Sh.	Ho.	P. R.	Hand	Hd.	7,000
25	James Yocum	Lewistown	2	71	2.8	Sh.	St.	P. R.	Hand	Hd.	3,800
26	Riverside Coal Co.	Ellisville	1	45	4.6	Sh.	St.	P. R.	Hand	Hd.	3,500
27	R. J. Nahn	Lewistown	2	70	2.8	Sh.	Ho.	P. R.	Hand	Hd.	3,450
28	Sam Bishop	do	2	80	2.8	Sh.	Ho.	P. R.	Hand	Hd.	2,410

TABLE 52—Continued.

Number.	Name of operator.	Post-office address of mine.	Physical character of mines.								Total tons.
			Geological number of seam.	Depth of coal below the surface—feet.	Thickness of seam—feet and inches.	Shaft—slope, drift.	Hoisting—steam, horse, hand.	Long wall, pillar and room.	Haulage—hand, mule, cable, electric.	Mining—hand, machine, both.	
29	Joe Brous	Canton	5	80	4.8	Sl.	St.	P. R.	Mule	Hd.	2,350
30	Ross Parr	Astoria	5	70	6.0	Sh.	St.	P. R.	Mule	Hd.	1,950
31	Chas. Golick	Canton	5	60	4.8	Dr.	Ho.	P. R.	Mule	Hd.	1,900
32	A. J. Gunnett	Fairview	5	65	5.0	Dr.	Hd.	P. R.	Hand	Hd.	1,895
33	Fred Lingfelter	Canton	5	65	5.0	Dr.	Hd.	P. R.	Hand	Hd.	1,850
34	John Johnson	St. David	5	.....	5.0	Dr.	Hd.	P. R.	Mule	Hd.	1,800
35	Wm. Bath	..do	5	70	4.8	Dr.	Hd.	P. R.	Mule	Hd.	1,500
36	Chas. Falkenstein	Astoria	5	48	6.0	Sh.	Ho.	P. R.	Mule	Hd.	1,425
37	Nick Bennett	Cuba	5	60	4.8	Dr.	Hd.	P. R.	Hand	Hd.	1,300
38	Otto Garren	St. David	5	300	5.0	Dr.	Hd.	P. R.	Hand	Hd.	1,280
39	Wm. Irwin	Cuba	5	60	4.8	Dr.	Hd.	P. R.	Hand	Hd.	1,275
40	Geo. Stambaugh	Summum	5	45	5.4	Sh.	Ho.	P. R.	Hand	Hd.	1,250
41	Silas Simpson	Cuba	5	65	4.8	Dr.	Hd.	P. R.	Hand	Hd.	1,223
42	Floid. Calhoun	Marietta	2	70	2.8	Dr.	Hd.	P. R.	Hand	Hd.	1,215
43	May Bros.	Lewistown	2	48	2.8	Sh.	Ho.	P. R.	Hand	Hd.	1,205
44	W. A. Foraker	Marietta	2	70	2.8	Dr.	Hd.	P. R.	Hand	Hd.	1,180
45	C. D. Atherton	Ipava	5	.....	5.4	Dr.	Hd.	P. R.	Hand	Hd.	1,120
46	Henry Duffield	Glasford	5	.....	4.6	Dr.	Hd.	P. R.	Mule	Hd.	1,100
47	Fred Mauneker	Marietta	2	70	2.8	Sl.	Hd.	P. R.	Hand	Hd.	1,073
48	F. C. Rowden	Cuba	5	70	4.8	Dr.	Hd.	P. R.	Hand	Hd.	1,055
49	J. L. Orwig	Marietta	2	70	2.8	Dr.	Hd.	P. R.	Hand	Hd.	978
50	Mammons Bros.	Breeds	5	60	5.0	Dr.	Hd.	P. R.	Hand	Hd.	960
51	Draper Bros.	Maple Mills	5	65	4.8	Dr.	Hd.	P. R.	Hand	Hd.	925
52	Eyman Bros.	Lewistown	2	80	2.8	Dr.	Hd.	P. R.	Hand	Hd.	915
53	James Baker	Ipava	5	60	5.5	Dr.	Ho.	P. R.	Hand	Hd.	900
54	Chas. Williams	Fairview	5	70	4.6	Dr.	Hd.	P. R.	Hand	Hd.	875
55	Earl Miller	Lewistown	2	40	2.8	Sh.	Hd.	P. R.	Hand	Hd.	860
56	Sy. Hilton	Cuba	5	60	4.8	Dr.	Ho.	P. R.	Mule	Hd.	850
57	Geo. Garrett	Astoria	5	45	5.0	Dr.	Hd.	P. R.	Hand	Hd.	850
58	Andrew Webber	Ipava	5	.....	5.0	Dr.	Hd.	P. R.	Hand	Hd.	775
59	Bert Brush	Marietta	2	70	2.8	Dr.	Hd.	P. R.	Hand	Hd.	756
60	O. H. Standard	Canton	5	40	4.10	Sh.	Ho.	P. R.	Hand	Hd.	750
61	Peter Westerfield	Canton	5	45	4.10	Dr.	Hd.	P. R.	Hand	Hd.	725
62	Dave Gladwell	Breeds	5	70	4.8	Sh.	Ho.	P. R.	Hand	Hd.	700
63	Frank Tindall	Glasford	5	.....	4.8	Dr.	Hd.	P. R.	Hand	Hd.	700
64	J. R. McBride	Astoria	2	60	2.8	Dr.	Hd.	P. R.	Hand	Hd.	665
65	E. Robinson	Table Grove	5	60	5.2	Dr.	Hd.	P. R.	Hand	Hd.	655
66	M. R. Parks	Bluff City	2	65	2.10	Dr.	Hd.	P. R.	Hand	Hd.	635
67	N. C. Morgan	Cuba	5	60	4.8	Dr.	Hd.	P. R.	Hand	Hd.	613
68	Dan. Bollinger	..do	5	40	4.10	Dr.	Hd.	P. R.	Hand	Hd.	500
69	Nelson W. Rastler	Astoria	2	65	2.8	Dr.	Hd.	P. R.	Hand	Hd.	480
70	Dan. Valentine	Summum	5	35	5.0	Dr.	Hd.	P. R.	Hand	Hd.	450
71	Fred Sprague	Canton	5	65	5.0	Dr.	Hd.	P. R.	Hand	Hd.	450
72	Robert English	Marietta	2	70	2.8	Dr.	Hd.	P. R.	Hand	Hd.	410
73	Freeman & Harris	Cuba	5	45	4.8	Sh.	Ho.	P. R.	Mule	Hd.	390
74	Ed. Gofinch	..do	5	60	4.8	Sl.	Hd.	P. R.	Mule	Hd.	385
75	J. C. Bybee	Canton	5	80	4.8	Dr.	Hd.	P. R.	Mule	Hd.	380
76	Isaac Hendee	Astoria	2	65	2.8	Dr.	Hd.	P. R.	Hand	Hd.	375
77	Diamond & Booker	Astoria	5	45	6.0	Sh.	Ho.	P. R.	Hand	Hd.	375
78	John Whitehead	Maple Mills	5	65	5.0	Dr.	Hd.	P. R.	Hand	Hd.	350
79	Frank Lee	Breeds	5	60	4.10	Dr.	Hd.	P. R.	Hand	Hd.	350
80	Henry Kruzan	Ipava	2	60	2.10	Dr.	Hd.	P. R.	Hand	Hd.	350
81	Tom Engle	Cuba	5	60	4.8	Dr.	Hd.	P. R.	Hand	Hd.	298
82	Lewis Clark	Lewistown	2	65	2.8	Dr.	Hd.	P. R.	Hand	Hd.	275
83	John Gibson	Summum	2	45	3.0	Dr.	Hd.	P. R.	Hand	Hd.	275
84	James Pollett	St. David	5	65	4.8	Dr.	Hd.	P. R.	Hand	Hd.	268
85	Wilson Bros.	Astoria	2	.....	2.8	Dr.	Hd.	P. R.	Hand	Hd.	225
86	John Daniels	Marietta	2	70	2.8	Dr.	Hd.	P. R.	Hand	Hd.	225
87	J. H. Foutch	Maple Mills	5	60	4.8	Dr.	Hd.	P. R.	Hand	Hd.	215
88	John Ealen	Marietta	2	70	2.8	Dr.	Hd.	P. R.	Hand	Hd.	214
89	W. B. Margart	Canton	5	70	4.8	Dr.	Hd.	P. R.	Hand	Hd.	211
90	Sylvester Wade	..do	5	65	4.10	Sl.	Ho.	P. R.	Mule	Hd.	210
91	William Hornback	Fairview	5	.....	4.4	Dr.	Hd.	P. R.	Hand	Hd.	200
92	Smith Bros.	Marietta	2	70	2.8	Dr.	Hd.	P. R.	Hand	Hd.	193
93	Arthur Billings	Lewistown	2	70	2.8	Sl.	Ho.	P. R.	Hand	Hd.	184
94	John Stufflebaum	..do	2	80	2.6	Dr.	Hd.	P. R.	Hand	Hd.	180

TABLE 52—Continued.

Number.	Name of operator.	Post-office address of mine.	Physical character of mines.								Total tons.
			Geological number of seam.	Depth of coal below the surface—feet.	Thickness of seam—feet and inches.	Shaft—slope, drift.	Hoisting—steam, horse, hand.	Long wall, pillar and room.	Haulage—hand, mule, cable, electric.	Mining—hand, machine, both.	
95	J. W. Williams	Fiatt	5	60	4.8	Dr.	Hd.	P. R.	Hand	Hd	178
96	Sherman Ketchum	Canton	5	.....	5.0	Dr.	Hd.	P. R.	Hand	Hd	175
97	George Edgerly	Fairview	5	.....	4.4	Dr.	Hd.	P. R.	Hand	Hd	170
98	Fred Baughman	Marietta	2	70	2.8	Dr.	Hd.	P. R.	Hand	Hd	165
99	Dave Brooks	Bryant	5	60	4.5	Sl.	Ho.	P. R.	Hand	Hd	154
100	Claud Morgan	Marietta	2	70	2.8	Dr.	Hd.	P. R.	Hand	Hd	154
101	James Coons	..do	2	70	2.8	Dr.	Hd.	P. R.	Hand	Hd	152
102	Robert Melton	Canton	5	60	4.8	Dr.	Hd.	P. R.	Hand	Hd	145
103	Joe Berry	Cuba	5	60	4.8	Sl.	Ho.	P. R.	Hand	Hd	142
104	Frank Hubble	Avon	1	.....	2.10	Dr.	Hd.	P. R.	Hand	Hd	140
105	Geo. Miller	Lewistown	2	70	2.8	Sh.	Ho.	P. R.	Hand	Hd	128
106	D. G. Coplinger	Cuba	5	60	4.8	Dr.	Hd.	P. R.	Hand	Hd	125
107	James Grindall	..do	5	60	4.8	Dr.	Hd.	P. R.	Hand	Hd	125
108	L. E. Johnson	Canton	5	40	4.8	Dr.	Hd.	P. R.	Hand	Hd	125
109	Geo. Provard	St. David	5	70	5.0	Dr.	Hd.	P. R.	Hand	Hd	125
110	J. D. Baker	Maple Mills	5	65	5.0	Dr.	Hd.	P. R.	Hand	Hd	120
111	John Davis	Cuba	5	60	4.8	Dr.	Hd.	P. R.	Hand	Hd	118
112	Arthur Stell	..do	5	60	4.8	Dr.	Hd.	P. R.	Hand	Hd	115
113	C. O. David	Ipava	2	80	2.8	Dr.	Hd.	P. R.	Hand	Hd	80
114	Henry Stickler	Canton	5	.....	4.8	Dr.	Hd.	P. R.	Hand	Hd	25
	Total—114 mines										2,036,781
	GALLATIN COUNTY.										
1	Gallatin Coal & Coke Co	Equality	9	110	6.0	Sh.	St.	P. R.	M. & M.	Both.	25,549
2	Hickory Hill Coal Co	Junction	5	100	4.6	Sl.	St.	P. R.	C. & M.	Mc	25,000
3	W. R. Chinn	Junction	5	.....	4.4	Sl.	St.	P. R.	Mule	Hd	6,500
4	H. C. Harrelson	Equality	5	30	4.0	Sh.	Ho.	P. R.	Hand	Hd	4,000
5	Harrison Bros	..do	5	50	4.6	Sh.	St.	P. R.	Mule	Hd	4,000
6	E. P. McCabe	Shawneetown	7	500	3.10	Sl.	Ho.	P. R.	Hand	Hd	800
7	T. H. Clark	..do	7	.....	3.6	Dr.	Ho.	P. R.	Mule	Hd	700
8	Jacob Spitzner	Equality	7	.....	4.0	Dr.	Ho.	P. R.	Mule	Hd	625
9	Lee Siddnes	Junction	5	200	5.0	Sl.	Ho.	P. R.	Mule	Hd	600
10	James T. Calbert	Equality	5	225	5.0	Sl.	Ho.	P. R.	Mule	Hd	200
11	George Brinkley	..do	5	350	4.8	Dr.	Hd.	P. R.	Hand	Hd	120
	Total—11 mines										68,094
	GREEN COUNTY.										
1	Frank Hopper	Roodhouse	7	.....	2.8	Dr.	Hd.	P. R.	Hand	Hd	6,171
2	Kincaid-Mitchell Coal Co	Greenfield	6	60	5.6	Sh.	Ho.	P. R.	Hand	Hd	3,515
3	Burl Wyatt	Roodhouse	7	.....	2.6	Dr.	Hd.	P. R.	Hand	Hd	1,760
4	Edward Griffiths	..do	7	.....	2.6	Sh.	Ho.	P. R.	Hand	Hd	924
5	A. E. Avley	..do	7	40	2.6	Sh.	Ho.	P. R.	Hand	Hd	630
6	O. S. Walker	..do	7	.....	2.8	Dr.	Hd.	P. R.	Hand	Hd	620
7	Jas. Atkins	..do	7	.....	2.6	Dr.	Hd.	P. R.	Hand	Hd	520
8	Henry Carlton	..do	7	30	3.0	Dr.	Hd.	P. R.	Hand	Hd	120
	Total—8 mines										14,260
	GRUNDY COUNTY.										
1	Chi., Wilm. & Franklin C. Co., No. 3	S. Wilm'gton	2	187	3.0	Sh.	St.	L. W.	Mule	Hd	205,438
2	Wilm. Star Min. Co., No. 7	Coal City	2	136	3.0	Sh.	St.	L. W.	Mule	Hd	97,977
3	Mitchell & Rossi	Morris	2	45	2.6	Sh.	Ho.	P. R.	Hand	Hd	1,125
4	James Bell	..do	2	71	3.0	Sh.	Ho.	P. R.	Hand	Hd	400
5	W. Hodson	..do	2	53	2.10	Sh.	Ho.	P. R.	Hand	Hd	60
	Total—5 mines										305,000
	HANCOCK COUNTY.										
1	Meredith Bros., No. 1	Augusta	2	70	2.6	Sh.	Ho.	P. R.	Hand	Hd	1,810
2	Jones & Ebben	..do	2	40	2.6	Dr.	Hd.	P. R.	Hand	Hd	1,500
3	Meredith Bros., No. 2	..do	2	25	2.6	Sh.	Ho.	P. R.	Hand	Hd	850
	Total—3 mines										4,160

TABLE 52—Continued.

Number.	Name of operator.	Post-office address of mine.	Physical character of mines. Geological number of seam.	Depth of coal below the surface—feet.	Thickness of seam—feet and inches.	Shaft—slope, drift.	Hoisting—steam, horse, hand.	Long wall, pillar and room.	Haulage—hand, mule, cable, electric.	Mining—hand, machine, both.	Total tons.
	HENRY COUNTY.										
1	North East Coal Co	Kewanee	6	90	4.0	Sl.	St.	P. R.	Hand	Hd	8,060
2	Atkinson Bros	Cambridge	6	20	4.0	Sl.	Ho.	P. R.	Hand	Hd	5,015
3	Waterloo Coal Co	Kewanee	6	60	4.0	Sh.	St.	P. R.	Hand	Hd	4,954
4	Hintz Bros	Geneseo	6	60	4.0	Sh.	St.	P. R.	Hand	Hd	4,920
5	Arthur Ratcliffe	Kewanee	6	60	4.0	Sh.	St.	P. R.	Hand	Hd	4,235
6	Grice Coal Co	do	6	45	4.0	Sl.	St.	P. R.	Hand	Hd	4,029
7	Kewanee Co-operative C.Co.	do	6	60	4.0	Sh.	St.	P. R.	Hand	Hd	3,581
8	Henry Coal Co	do	6	185	4.0	Sl.	St.	P. R.	Hand	Hd	3,516
9	Peterson & Lamb	do	6	120	4.4	Sl.	St.	P. R.	Hand	Hd	3,043
10	North Main Coal Co	do	6	185	4.0	Sl.	St.	P. R.	Hand	Hd	2,790
11	Stricker & Stuhlsotz	do	6	40	4.0	Sl.	St.	P. R.	Hand	Hd	2,739
12	Joseph Engel & Son	do	6	30	4.0	Sl.	St.	P. R.	Hand	Hd	2,520
13	J. W. Endres	do	6	90	4.0	Sl.	Ho.	P. R.	Hand	Hd	617
	Total—13 mines										50,019
	JACKSON COUNTY.										
1	Big M. C. & I. Co., No. 9	Murphysboro	1&2	114	7.0	Sh.	St.	P. R.	M. & M.	Mc	334,918
2	Jackson C. Co., M. Valley	Hallidayboro	6	165	9.0	Sh.	St.	P. R.	C. & M.	Hd	271,720
3	Gartside Coal Co., No. 4	Murphysboro	2	135	7.0	Sh.	St.	P. R.	Mule	Both.	75,985
4	Gus Blair B. M. C. Co., No. 2	do	2	120	4.0	Sh.	St.	P. R.	Mule	Both.	70,282
5	Big M. C. & I. Co., No. 10	do	1&2	125	4.10	Sh.	St.	P. R.	Mule	Mc	31,142
6	DeSoto-Peacock C. Co., No. 1	DeSoto	6	40	12.0	Sh.	St.	P. R.	Mule	Hd	21,600
7	H. S. Phillips	Carbondale	6	30	7.0	Sl.	St.	P. R.	Mule	Hd	3,000
8	Geo. W. Patrick	do	6	35	6.6	Sh.	St.	P. R.	Mule	Hd	3,000
9	Frank Mason	do	6	35	6.0	Sl.	St.	P. R.	Mule	Hd	1,600
10	Geo. Wahlman	Campbell Hill	2	50	4.3	Sh.	St.	P. R.	Hand	Hd	1,391
11	W. F. Johnson	Ava	6	32	4.0	Sh.	Ho.	P. R.	Hand	Hd	1,255
12	Clark & Shoppell	Carbondale	6	.....	3.6	Sh.	St.	P. R.	Mule	Hd	1,200
13	Buck York	do	6	6	3.6	Sl.	Ho.	P. R.	Mule	Hd	1,200
14	Baulen Bros	DeSoto	6	40	8.0	Sh.	St.	P. R.	Mule	Hd	670
15	J. B. Schimpf	Vergennes	6	51	4.0	Sl.	Ho.	P. R.	Mule	Hd	600
16	B. A. Schimpf	do	2	22	3.0	Sl.	Ho.	P. R.	Hand	Hd	560
17	W. R. Campbell	Mathews	2	13	3.8	Sl.	Ho.	P. R.	Hand	Hd	467
18	J. B. Schimpf	Ava	2	28	6.0	Sl.	Ho.	P. R.	Mule	Hd	400
19	E. H. Birkner	Oraville	2	60	8.0	Sh.	Ho.	P. R.	Hand	Hd	79
20	T. A. Nisbet	Ava	2	10	6.0	Sl.	Ho.	P. R.	Hand	Hd	40
21	B. F. Dilliner	Carbondale	6	.....	3.10	Sl.	Ho.	P. R.	Hand	Hd	12
	Total—21 mines										821,121
	JERSEY COUNTY.										
1	Bott & Griner	Brighton	5	24	3.0	Sh.	Ho.	P. R.	Hand	Hd	960
	Total—1 mine										960
	JOHNSON COUNTY.										
1	Ward & Watson	N. Burnside	3	30	3.6	Sh.	Hd.	P. R.	Hand	Hd	1,733
2	F. M. McMichael	do	3	.....	3.6	Dr.	Hd.	P. R.	Hand	Hd	193
3	A. C. Goddard	do	3	.....	3.6	St.	St.	.....	Hand	Hd	55
	Total—3 mines										1,981
	KNOX COUNTY.										
1	T. H. Milan	Galesburg	5	100	4.0	Sh.	St.	P. R.	Hand	Hd	4,268
2	Dan Pearson	Rapatee	5	40	4.0	Dr.	Ho.	P. R.	Mule	Hd	2,000
3	Chas. Folkenroth	Middle Grove	5	.....	4.0	Dr.	Hd.	P. R.	Hand	Hd	1,475
4	H. Taylor	Wataga	6	.....	4.0	Dr.	Hd.	P. R.	Hand	Hd	1,360
5	G. A. Rice	Victoria	5	.....	4.0	Dr.	Hd.	P. R.	Hand	Hd	1,200
6	Layhes & McGovern	Oneida	6	46	4.0	Sh.	Ho.	P. R.	Hand	Hd	1,200
7	Ed. Horkstrom	Victoria	5	45	4.0	Sl.	Ho.	P. R.	Hand	Hd	1,160
8	Fennell & Wilkie	Middle Grove	5	.....	3.7	Dr.	Hd.	P. R.	Hand	Hd	916
9	James Matson	Victoria	6	14	4.6	Sl.	Hd.	P. R.	Hand	Hd	404
10	Clyde Morse	Middle Grove	5	.....	3.8	Dr.	Hd.	P. R.	Hand	Hd	400
11	Chas. Morgan	Oneida	6	9	4.0	Sl.	Ho.	P. R.	Hand	Hd	400

TABLE 52—Continued.

Number.	Name of operator.	Post-office address of mine.	Physical character of mines.								Total tons.
			Geological number of seam.	Depth of coal below the surface—feet.	Thickness of seam—feet and inches.	Shaft—slope, drift.	Hoisting—steam, horse, hand.	Long wall, pillar and room.	Haulage—hand, mule, cable, electric.	Mining—hand, machine, both.	
12	A. J. Nelson	Knoxville	6	25	2.8	Sh.	St.	P. R.	Hand	Hd.	390
13	Rodell & Mitchell	Wataga	6	52	4.0	Sh.	Ho.	P. R.	Hand	Hd.	360
14	Chas. Gladfelter	Victoria	6	37	4.6	Sh.	Ho.	P. R.	Hand	Hd.	350
15	F. W. White	do	6	.....	4.2	Dr.	Hd.	P. R.	Hand	Hd.	342
16	N. C. Anderson	Knoxville	6	.....	3.8	Dr.	Hd.	P. R.	Hand	Hd.	300
17	Nels C. Norburg	Victoria	5	8	4.8	Sl.	Hd.	P. R.	Hand	Hd.	285
18	Ed. Peterson	do	6	.....	4.4	Dr.	Ho.	P. R.	Hand	Hd.	245
19	Geo. and Chas. Horkstrom	do	6	.....	4.6	Sl.	Hd.	P. R.	Hand	Hd.	60
20	Peter Clary	Middle Grove	5	.....	4.0	Dr.	Hd.	P. R.	Hand	Hd.	25
	Total—20 mines										17,140
	LASALLE COUNTY.										
1	Mattiessen-Hegeler Zinc Co.	LaSalle	5	312	3.6	Sh.	St.	P. R.	M. & M.	Hd.	175,931
2	Oglesby Coal Co.	Oglesby	2	464	3.8	Sh.	St.	L. W.	M. & M.	Hd.	161,177
3	LaSalle Co. C. C. Co., No. 5.	Cedar Point	2	545	3.8	Sh.	St.	L. W.	Mule	Hd.	157,259
4	LaSalle Co. C. C. Co., No. 1.	LaSalle	2	440	3.6	Sh.	St.	L. W.	Mule	Hd.	153,035
5	LaSalle Co. C. C. Co., Union	do	2	398	3.6	Sh.	St.	L. W.	Mule	Hd.	120,993
6	Chi., Wilm. & Franklin C. Co., No. 3.	Streator	7	76	5.0	Sh.	St.	P. R.	Mule	Hd.	83,835
7	Illinois Zinc Co., No. 3.	Peru	2	360	3.6	Sh.	St.	L. W.	Mule	Hd.	60,892
8	Illinois Zinc Co., No. 1.	do	2	484	3.6	Sh.	St.	L. W.	Mule	Hd.	59,657
9	LaSalle Co. C. C. Co., LaSalle	LaSalle	2	398	3.6	Sh.	St.	L. W.	Mule	Both.	52,214
10	Acme Coal Co.	Streator	7	116	5.6	Sh.	St.	P. R.	Mule	Hd.	39,053
11	Manufacturers Coal Co.	Marseilles	2	125	3.6	Sh.	St.	L. W.	Mule	Hd.	27,847
12	Hakes-Lyon Coal Co., No. 2.	Rutland	2	.....	3.0	Sh.	St.	L. W.	Mule	Hd.	25,856
13	G. & J. Coal Co.	Seneca	2	130	3.6	Sh.	St.	L. W.	Mule	Hd.	14,500
14	Muntz Coal Co.	Streator	7	101	6.6	Sh.	St.	P. R.	Mule	Hd.	10,884
15	Donkin Stobs	do	7	101	5.0	Sh.	St.	P. R.	Mule	Hd.	4,651
16	Ed. Liptak & Son	do	7	40	4.0	Sh.	Ho.	P. R.	Hand	Hd.	3,729
17	Seroka Coal Co.	do	7	59	5.0	Sh.	Ho.	P. R.	Hand	Hd.	3,108
18	Prairie Creek Coal Co.	do	7	30	5.6	Sh.	Ho.	P. R.	Hand	Hd.	2,429
19	Thomas Reehl	do	7	38	5.0	Sh.	Ho.	P. R.	Hand	Hd.	2,398
20	Chi. Retort & Fire Brick Co.	Ottawa	2	17	2.0	St.	...	.....	.....	Hd.	2,000
21	Wm. Francis & Son	Streator	7	10	4.6	Dr.	St.	P. R.	Mule	Hd.	1,602
22	Illinois Clay Products Co.	Oglesby	7	60	3.6	Dr.	St.	P. R.	Mule	Hd.	1,112
23	Jack McNeal	Streator	7	65	9.0	Sh.	St.	P. R.	Hand	Hd.	1,100
24	Pratt Coal Co.	do	7	35	4.0	Sh.	St.	P. R.	Hand	Hd.	900
25	Smith Bros.	Lowell	7	40	5.0	Dr.	Hd.	P. R.	Hand	Hd.	750
26	John Petrotte	Kangley	7	8	5.0	St.	...	.....	Hand	Hd.	650
27	Lakotas & Uhrin	Streator	7	.....	5.6	Dr.	Ho.	P. R.	Mule	Hd.	607
28	National Fire Proofing Co.	Ottawa	7	.....	2.0	St.	....	.....	Hand	Hd.	400
29	Wm. Bottomly	Utica	2	60	3.0	Dr.	Ho.	P. R.	Mule	Hd.	393
30	Demoss & Son	Kangley	7	40	3.6	Dr.	Hd.	P. R.	Hand	Hd.	279
31	C. J. Clark	Utica	2	90	2.5	Dr.	Hd.	P. R.	Hand	Hd.	230
32	Chas. Hendee	Ottawa	2	60	2.6	Dr.	Hd.	P. R.	Hand	Hd.	224
33	L. W. Brewer	do	2	300	2.2	Dr.	Hd.	P. R.	Hand	Hd.	170
34	Grover G. Gilbert	Streator	2	40	3.6	Dr.	Hd.	P. R.	Hand	Hd.	150
35	John Roth	Wilsman	2	80	3.0	Sh.	Ho.	P. R.	Hand	Hd.	85
36	Herrick Clay Mfg. Co.	Ottawa	2	.....	.....	Dr	Hd.	P. R.	Hand	Hd.	60
37	Thomas Mooney	do	2	10	.....	St.	...	.....	Hand	Hd.	40
	Total—37 mines										1,170,200
	LIVINGSTON COUNTY.										
1	Fairbury Coal Co.	Fairbury	5	65	5.0	Sh.	St.	P. R.	Mule	Hd.	26,261
2	Streator Clay Mfg. Co.	Streator	7	.....	4.0	Sh.	St.	P. R.	Mule	Mc.	25,819
3	Murphy, Linskey, Kasher C. Co.	Pontiac	6	210	5.0	Sh.	St.	P. R.	Mule	Hd.	24,102
4	Barr Clay Co.	Streator	7	.....	4.0	Sh.	St.	P. R.	Hand	Hd.	16,195
5	Fairbury Miners Co-operative Coal Co.	Fairbury	5	165	4.0	Sh.	St.	P. R.	Mule	Hd.	11,602
	Total—5 mines										103,979

TABLE 52—Continued.

Number.	Name of operator.	Post-office address of mine.	Physical character of mines. Geological number of seam.	Depth of coal below the surface—feet.	Thickness of seam—feet and inches.	Shaft—slope, drift.	Hoisting—steam, horse, hand.	Long wall, pillar and room.	Haulage—hand, mule, cable, electric.	Mining—hand, machine, both.	Total tons.
	LOGAN COUNTY.										
1	Citizens Coal Mining Co.	Lincoln	5	271	5.6	Sh.	St.	P. R.	Mule	Hd.	136,479
2	Lincoln Mining Co.	..do	5	270	5.4	Sh.	St.	P. R.	M. & C.	Hd.	132,702
3	Latham C. & M. Co.	..do	5	287	5.0	Sh.	St.	P. R.	M. & M.	Hd.	132,279
	Total—3 mines										401,460
	MACON COUNTY.										
1	Manufacturers & Consumers Coal Co.	Decatur	5	560	4.6	Sh.	St.	L. W.	Mule	Hd.	115,080
2	Decatur Coal Co., No. 2	..do	5	600	4.6	Sh.	St.	L. W.	Mule	Hd.	58,450
	Total—2 mines										173,530
	MACOUPIN COUNTY.										
1	Superior C. Co., No. 3	Gillespie	6	340	7.6	Sh.	St.	P. R.	M. & M.	Mc.	985,482
2	Superior C. Co., No. 2	..do	6	340	7.6	Sh.	St.	P. R.	M. & M.	Mc.	930,150
3	Superior C. Co., No. 1	..do	6	340	7.6	Sh.	St.	P. R.	M. & M.	Mc.	811,598
4	Consolidated C. Co., No. 14	Staunton	6	276	7.0	Sh.	St.	P. R.	M. & M.	Mc.	576,412
5	Consolidated Coal Co., No. 7	..do	6	356	7.0	Sh.	St.	P. R.	M. & M.	Mc.	574,329
6	Royal Colliery Co., Management, C., W. & F. C. Co.	Virden	6	306	6.0	Sh.	St.	P. R.	M. & M.	Mc.	534,302
7	Consolidated Coal Co., No. 15	Mt. Olive	6	364	7.9	Sh.	St.	P. R.	M. & M.	Mc.	280,793
8	Montour C. Co., No. 403	Girard	6	360	7.0	Sh.	St.	P. R.	M. & M.	Mc.	267,973
9	Mt. Olive Coal Co., No. 5	Mt. Olive	6	420	8.0	Sh.	St.	P. R.	Motor	Mc.	214,821
10	Carlinville Coal Co.	Carlinville	6	265	7.0	Sh.	St.	P. R.	Motor	Hd.	75,948
11	Ed. A. Bauser	Bunkerhill	6	245	5.6	Sh.	St.	P. R.	Hand	Mc.	6,988
12	Claude Pitchford	Rockbridge	6	75	7.6	Sh.	St.	P. R.	Hand	Hd.	1,070
	Total—12 mines										5,259,866
	MADISON COUNTY.										
1	New Staunton C. Co., No. 1	Livingston	6	287	6.0	Sh.	St.	P. R.	M. & M.	Mc.	961,726
2	Donk Bros. C. & C. Co., No. 2	Maryville	6	246	7.6	Sh.	St.	P. R.	Motor	Mc.	753,444
3	Mt. Olive & Staunton C. Co. No. 2	Staunton	6		3.7	Sh.	St.	P. R.	Motor	Mc.	696,285
4	Lumaghi Coal Co., No. 2	Collinsville	6	198	8.6	Sh.	St.	P. R.	M. & M.	Mc.	385,693
5	Madison Coal Corp., No. 2	Glen Carbon	6	90	5.6	Sh.	St.	P. R.	M. & M.	Mc.	326,448
6	Donk Bros. C. & C. Co., No. 1	Collinsville	7	144	6.6	Sh.	St.	P. R.	M. & M.	Hd.	230,852
7	Donk Bros. C. & C. Co., No. 3	Troy	6	283	6.0	Sh.	St.	P. R.	M. & M.	Both.	172,969
8	Kerns & Domiewald C. Co.	Worden	6	270	7.0	Sh.	St.	P. R.	M. & M.	Mc.	141,930
9	City Coal Co.	Edwardsville.	6	220	6.6	Sh.	St.	P. R.	Mule	Hd.	24,653
10	Edwardsville Home Trade Coal Co.	..do	7	135	5.6	Sh.	St.	P. R.	Mule	Hd.	23,677
11	Abbey Coal Corporation	Collinsville	6	200	6.6	Sh.	St.	P. R.	Mule	Hd.	11,822
12	East Side Coal Co.	Edwardsville.	6	135	6.0	Sh.	St.	P. R.	Mule	Hd.	10,639
13	Hydraulic Press Brick Co.	Collinsville	6	190	6.6	Sh.	St.	P. R.	Mule	Hd.	8,929
14	Bullock Bros.	..do	6	170	7.0	Sh.	St.	P. R.	Mule	Hd.	7,434
15	Bunker Hill Coal Co.	..do	6	185	6.6	Sh.	St.	P. R.	Mule	Mc.	5,063
16	Geo. Kabel	Moro	6	90	4.6	Sh.	St.	P. R.	Hand	Hd.	1,700
17	Humm Bros.	Bethalto	6	70	6.0	Sh.	Ho.	P. R.	Hand	Hd.	1,600
18	E. C. Stiegmeier	Worden	6	200	6.0	Sh.	St.	P. R.	Hand	Hd.	1,500
19	Peter Meyer	Bethalto	6	66	4.0	Sh.	Ho.	P. R.	Hand	Hd.	1,100
20	Benj. Eccles	Alton	1	40	2.6	Sh.	Ho.	P. R.	Hand	Hd.	550
21	Ernest H. Rink	Bethalto	1	70	3.6	Sh.	Ho.	P. R.	Hand	Hd.	272
22	Henry Bauer	..do	6	16	3.8	Sl.	Hd.	P. R.	Hand	Hd.	144
	Total—22 mines										3,768,430
	MARION COUNTY.										
1	Marion County Coal Co.	Centralia	6	600	6.6	Sh.	St.	P. R.	Motor	Mc.	405,814
2	Chi.-Sandoval C. Co., No. 2	Sandoval	6	625	6.0	Sh.	St.	P. R.	M. & M.	Hd.	238,848
3	Odin Coal Co., Odin	Odin	5	722	6.6	Sh.	St.	P. R.	M. & M.	Mc.	223,047
4	Chi.-Sandoval C. Co., No. 1	Sandoval	6	615	3.8	Sh.	St.	P. R.	Mule	Hd.	32,784
	Total—4 mines										900,493

TABLE 52—Continued.

Number.	Name of operator.	Post-office address of mine.	Physical character of mines.								Total tons.
			Geological number of seam.	Depth of coal below the surface—feet.	Thickness of seam—feet and inches.	Shaft—slope, drift.	Hoisting—steam, horse, hand.	Long wall, pillar and room.	Haulage—hand, mule, cable, electric.	Mining—hand, machine, both.	
	MARSHALL COUNTY.										
1	Toluca Coal Co., No. 1	Toluca	2	512	2.10	Sh.	St.	L. W.	M. & M.	Hd.	288,543
2	Wenona Coal Co., No. 1	Wenona	2	552	3.4	Sh.	St.	L. W.	Mule	Hd.	146,260
3	R. H. Ingram	Sparland	7	.....	3.6	Dr.	Hd.	P. R.	Hand	Hd.	1,350
4	John Pearson	do	7	30	3.6	Dr.	Hd.	P. R.	Hand	Hd.	448
5	Geo. W. Davis	do	7	.....	4.0	Dr.	Hd.	P. R.	Hand	Hd.	365
6	Rube Colwell	do	7	.....	3.6	Sh.	Hd.	P. R.	Hand	Hd.	265
7	Geo. H. Christman & Son	do	7	.....	3.6	Dr.	Hd.	P. R.	Hand	Hd.	250
8	Davis & Colwell	do	7	62	4.0	Dr.	Hd.	P. R.	Hand	Hd.	200
9	James Fogarty	do	7	.....	3.8	Dr.	Hd.	P. R.	Hand	Hd.	100
10	Nelson Hogley	do	7	150	4.0	Dr.	Hd.	P. R.	Hand	Hd.	99
11	Louis Neighsanger	do	7	.....	3.10	Dr.	Hd.	P. R.	Hand	Hd.	80
	Total—11 mines										437,960
	M'DONOUGH COUNTY.										
1	Baird Bros	Colchester	2	60	2.6	Sh.	St.	P. R.	Hand	Hd.	4,025
2	John Wilson	do	2	65	2.0	Sh.	Ho.	P. R.	Hand	Hd.	2,284
3	Foster Coal Co.	do	2	40	2.2	Sh.	Hd.	P. R.	Hand	Hd.	1,600
4	P. M. Jennings	Industry	2	35	2.4	Sh.	Ho.	P. R.	Hand	Hd.	823
5	Ed. Zinn	do	2	50	2.4	Dr.	Hd.	P. R.	Hand	Hd.	800
6	C. P. Sweeney	Vermont	2	43	3.2	Sh.	Ho.	P. R.	Hand	Hd.	672
7	Elmer Hamilton	Blandinsville	2	90	2.3	Sh.	St.	P. R.	Hand	Hd.	666
8	Gilbert Miller	Colchester	2	25	1.11	Sh.	Ho.	P. R.	Hand	Hd.	600
9	Jack McGrann	do	2	50	2.6	Dr.	Hd.	P. R.	Hand	Hd.	600
10	C. C. Tone	do	2	50	3.0	Dr.	Hd.	P. R.	Hand	Hd.	575
11	Elmer Swanson	do	2	30	2.6	Dr.	Hd.	P. R.	Hand	Hd.	500
12	Len Williams	do	2	50	2.0	Dr.	Hd.	P. R.	Hand	Hd.	490
13	Harpe & Fenton	do	2	35	2.2	Dr.	Hd.	P. R.	Hand	Hd.	464
14	Frank Murray	do	2	30	2.6	Dr.	Hd.	P. R.	Hand	Hd.	450
15	Wayland Bros	do	2	40	2.8	Dr.	Hd.	P. R.	Hand	Hd.	420
16	John Berry	do	2	26	2.4	Sh.	Ho.	P. R.	Hand	Hd.	420
17	Wm. Whalen	do	2	30	2.0	Dr.	Hd.	P. R.	Hand	Hd.	400
18	Willis Nelson	do	2	50	1.10	Dr.	Hd.	P. R.	Hand	Hd.	364
19	Hoar & Barber	do	2	50	2.2	Dr.	Hd.	P. R.	Hand	Hd.	349
20	Webster & Stone	do	2	35	2.0	Dr.	Hd.	P. R.	Hand	Hd.	330
21	Alla Vawters	do	2	40	2.0	Dr.	Hd.	P. R.	Hand	Hd.	327
22	Thompson Bros	Macomb	2	40	2.4	Dr.	Hd.	P. R.	Hand	Hd.	322
23	C. M. Icenogle	do	2	20	2.4	Sh.	Ho.	P. R.	Hand	Hd.	260
24	Sam Green	Colchester	2	45	2.6	Dr.	Hd.	P. R.	Hand	Hd.	260
25	Charles Norris	Macomb	2	50	2.2	Dr.	Hd.	P. R.	Hand	Hd.	256
26	John Lowery	Colchester	2	25	2.6	Dr.	Hd.	P. R.	Hand	Hd.	250
27	George Curtis	Industry	2	40	2.3	Dr.	Hd.	P. R.	Hand	Hd.	240
28	James Wayland	Colchester	2	50	1.10	Dr.	Hd.	P. R.	Hand	Hd.	220
29	L. L. Willey	Macomb	2	40	2.4	Dr.	Hd.	P. R.	Hand	Hd.	205
30	W. L. Stoneking	Birmingham	2	40	2.4	Dr.	Hd.	P. R.	Hand	Hd.	201
31	Allan Mourning	Colchester	2	40	2.8	Dr.	Hd.	P. R.	Hand	Hd.	200
32	Marion W. McClure	do	2	50	2.2	Dr.	Hd.	P. R.	Hand	Hd.	200
33	J. H. Kipling	do	2	60	2.0	Dr.	Hd.	P. R.	Hand	Hd.	200
34	Fox Bros	do	2	35	2.8	Dr.	Hd.	P. R.	Hand	Hd.	150
35	C. E. Stone	do	2	50	2.2	Dr.	Hd.	P. R.	Hand	Hd.	150
36	Sam McCord	do	2	40	2.0	Dr.	Hd.	P. R.	Hand	Hd.	143
37	Harry Averill	do	2	35	2.0	Dr.	Hd.	P. R.	Hand	Hd.	140
38	James Wilson	do	2	50	2.0	Dr.	Hd.	P. R.	Hand	Hd.	140
39	Wm. Jones	do	2	40	2.2	Dr.	Hd.	P. R.	Hand	Hd.	133
40	Frank Vogler	Birmingham	2	40	2.4	Dr.	Hd.	P. R.	Hand	Hd.	123
41	Frank Wagle	Colchester	2	60	1.10	Dr.	Hd.	P. R.	Hand	Hd.	120
42	Isaac Fisher	do	2	40	1.10	Dr.	Hd.	P. R.	Hand	Hd.	120
43	Tom Kipling	do	2	35	2.0	Dr.	Hd.	P. R.	Hand	Hd.	120
44	Oscar Swanson	do	2	50	2.2	Dr.	Hd.	P. R.	Hand	Hd.	102
45	Henry Finch	Macomb	2	40	2.0	Dr.	Hd.	P. R.	Hand	Hd.	100
46	G. E. Dickson	Colchester	2	35	2.2	Dr.	Hd.	P. R.	Hand	Hd.	90
47	Andy Stoneking	Birmingham	2	40	2.4	Dr.	Hd.	P. R.	Hand	Hd.	85
48	Clarence Martin	Colchester	2	40	1.6	Dr.	Hd.	P. R.	Hand	Hd.	80

TABLE 52—Continued.

Number.	Name of operator.	Post-office address of mine.	Physical character of mines. Geological number of seam.	Depth of coal below the surface—feet.	Thickness of seam—feet and inches.	Shaft—slope, drift.	Hoisting—steam, horse, hand.	Long wall, pillar and room.	Haulage—hand, mule, cable, electric.	Mining—hand, machine, both.	Total tons.
49	Joe Welch	Colchester	2	40	1.10	Dr.	Hd.	P. R.	Hand	Hd	42
50	George Polonus	..do	2	40	2.6	Dr.	Hd.	P. R.	Hand	Hd	10
	Total—50 mines										21,831
	M'LEAN COUNTY.										
1	McLean County Coal Co	Bloomington.	6	500	6.6	Sh.	St.	L. W.	Motor	Hd	68,300
2	Colfax Co-op. Co., No. 1	Colfax	6	400	6.0	Sh.	St.	P. R.	Mule	Hd	15,475
	Total—2 mines										83,775
	MENARD COUNTY.										
1	Athens Coal Co	Athens	6		6.0	Sh.	St.	P. R.	Mule	Hd	126,986
2	South Mountain Coal Co	Petersburg	5	144	6.0	Sl.	St.	P. R.	Mule	Hd	8,233
3	John W. Mallegreen, Jr	..do	6&2	80	6.2	Sh.	Ho.	P. R.	Hand	Hd	6,283
4	Johnson Valley Coal Co	Fancy Prairie	5	164	5.6	Sh.	St.	P. R.	Hand	Hd	5,550
5	East View Coal Co	Greenview	5	122	6.0	Sh.	St.	P. R.	Hand	Hd	4,815
6	John Mallegreen, Sr	Petersburg	5	60	6.0	Sh.	St.	P. R.	Mule	Hd	4,775
7	Golloday Bros	Tallula	5	135	6.0	Sh.	Ho.	P. R.	Mule	Hd	3,553
8	Brand & Walker	Petersburg	5	150	5.10	Sh.	St.	P. R.	Hand	Hd	1,350
9	John P. Grosboll	..do	5	100	5.6	Sh.	Ho.	P. R.	Hand	Hd	845
10	Peter Becker	Tallula	5	80	6.0	Sh.	Ho.	P. R.	Hand	Hd	800
	Total—10 mines										163,190
	MERCER COUNTY.										
1	Coal Valley M. Co., No. 3	Matherville	1	70	4.0	Sh.	St.	P. R.	Mule	Hd	170,716
2	Alden Coal Co., No. 7	..do	1	90	4.0	Sh.	St.	P. R.	Hand	Hd	119,647
3	Coal Valley M. Co., No. 2	Sherrard	1	210	4.0	Sh.	St.	P. R.	Cable	Hd	46,485
4	Hydraulic Press Brick Co	Aledo	1	175	4.6	Sl.	St.	P. R.	Hand	Hd	8,350
5	W. P. Williams	..do	1	65	4.0	Sh.	Ho.	P. R.	Hand	Hd	2,611
6	Docherty Bros	Preemption	2	60	4.0	Sl.	St.	P. R.	Hand	Hd	2,600
7	James Blaine	Viola	1	8	4.0	Sl.	Ho.	P. R.	Hand	Hd	991
8	Swan Young	New Windsor	1	90	2.0	Sl.	St.	P. R.	Hand	Hd	900
9	Bryan B. Peterson	Cable	1	60	4.0	Sh.	Ho.	P. R.	Hand	Hd	653
10	R. W. Peterson	Aledo	1	50	5.6	Sl.	Ho.	P. R.	Hand	Hd	631
11	Lee & Hagman	Matherville	2	50	3.6	Sh.	St.	P. R.	Hand	Hd	375
12	J. M. Brown	Viola	1		2.10	Dr.	Hd.	P. R.	Hand	Hd	50
	Total—12 mines										354,009
	MONTGOMERY COUNTY.										
1	C. & E. I. Coal Prop., No. 10	Nokomis	6	640	8.6	Sh.	St.	P. R.	Motor	Both.	741,102
2	Shoal Creek C. Co., No. 1	Panama	6	381	7.0	Sh.	St.	P. R.	M. & M.	Mc	602,728
3	C. & E. I. Coal Prop., No. 11	Hillsboro	6	467	7.0	Sh.	St.	P. R.	M. & M.	Mc	540,869
4	C. & E. I. Coal Prop., No. 14	Witt	6	585	8.6	Sh.	St.	P. R.	Motor	Hd	454,473
5	Nokomis Coal Co., No. 1	Nokomis	6	642	8.5	Sh.	St.	P. R.	Motor	Mc	406,010
6	Hillsboro Coal Co	Hillsboro	6	420	8.0	Sh.	St.	P. R.	Motor	Mc	319,200
7	Clover Leaf C. M. Co., No. 2	Coffeen	6	518	7.6	Sh.	St.	P. R.	Motor	Both.	59,500
	Total—7 mines										3,123,882
	MOULTRIE COUNTY.										
1	Lovington C. M. Co., No. 1	Lovington	6	912	8.6	Sh.	St.	P. R.	Mule	Hd	180,040
	Total—1 mine										180,040
	MORGAN COUNTY.										
1	W. T. Fisher	Murrayville	2	65	2.8	Dr.	Ho.	P. R.	Hand	Hd	975
2	Chas. Wagstaff	..do	2	50	2.8	Dr.	Ho.	P. R.	Hand	Hd	560
	Total—2 mines										1,535

TABLE 52—Continued.

Number.	Name of operator.	Post-office address of mine.	Physical character of mines.									Total tons.
			Geological number of seam.	Depth of coal below the surface—feet.	Thickness of seam—feet and inches.	Shaft—slope, drift.	Hoisting—steam, horse, hand.	Long wall, pillar and room.	Haulage—hand, mule, cable, electric.	Mining—hand, machine, both.		
	PEORIA COUNTY.											
1	Wolschlag Co-operative Coal Co.	Peoria	5	.....	4.4	Sl.	St.	P. R.	M. & M.	Hd.		268,703
2	Brewster & Evans, Walben.	..do	5	150	4.2	Dr.	St.	P. R.	Motor.	Hd.		259,536
3	Clark C. & C. Co., No. 2	..do	5	185	4.0	Sh.	St.	P. R.	M. & M.	Hd.		173,595
4	Crescent C. Co., No. 1	..do	5	200	4.2	Dr.	St.	P. R.	M. & M.	Both.		136,298
5	Logan Coal Co., Logan	Hanna City	5	240	4.0	Sh.	St.	P. R.	M. & M.	Mc.		104,550
6	Wasson Coal Co., Warsaw	Edwards	5	100	4.5	Dr.	St.	P. R.	M. & M.	Hd.		64,818
7	Newsam Bros., Glasford, No. 4	Glasford	5	145	4.6	Sh.	St.	P. R.	Mule.	Hd.		58,237
8	Collier Co-operative C. Co., No. 2	Bartonville	5	120	4.6	Sh.	St.	P. R.	Motor.	Hd.		58,204
9	German Coal Co	Mapleton	5	.....	4.6	Sl.	St.	P. R.	M. & C.	Mc.		29,408
10	Lancaster Ldg. C. & T. Co., No. 1	Kingston M.	5	150	4.6	Dr.	St.	P. R.	Mule.	Hd.		21,153
11	Mapleton Coal Co., No. 1	Mapleton	5	150	4.8	Sl.	St.	P. R.	Mule.	Hd.		20,498
12	Winters Coal Co	Bartonville	5	83	4.4	Sh.	St.	P. R.	Mule.	Hd.		28,700
13	Treasure Coal Co	..do	5	132	4.4	Sh.	St.	P. R.	Mule.	Mc.		15,905
14	Mohn Coal Co	Peoria	5	85	4.0	Sh.	St.	P. R.	Mule.	Hd.		7,840
15	Hibbard & Snedden	..do	5	20	4.5	Sl.	St.	P. R.	Mule.	Hd.		7,320
16	F. P. Schmidt & Son	..do	5	.....	4.4	Dr.	Ho.	P. R.	Mule.	Hd.		6,370
17	E. Potter & Son	Mapleton	5	.....	4.0	Dr.	Ho.	P. R.	Mule.	Hd.		5,874
18	Limestone Coal Co	Peoria	5	140	4.0	Sh.	St.	P. R.	Mule.	Hd.		5,720
19	Fisher & Blank	..do	5	30	4.0	Sl.	St.	P. R.	Mule.	Hd.		5,370
20	R. Taylor & Sons	Princeville	5	56	4.8	Sh.	St.	P. R.	Hand.	Hd.		4,416
21	Collears Bros	Peoria	5	57	4.0	Sl.	St.	P. R.	Mule.	Hd.		3,946
22	Fair Oaks Coal Co	..do	5	62	4.2	Sh.	St.	P. R.	Hand.	Hd.		3,470
23	Pleasant Heights Coal Co	..do	5	86	4.0	Sh.	Ho.	P. R.	Mule.	Hd.		3,284
24	Colvin Bros	Pekin	5	.....	4.0	Dr.	Ho.	P. R.	Mule.	Hd.		2,515
25	Louis A. Schmidt	Peoria	5	.....	4.4	Dr.	Ho.	P. R.	Mule.	Hd.		2,130
26	McKinley Coal Co	Elmwood	5	125	3.6	Sh.	St.	P. R.	Hand.	Hd.		2,055
27	Ernest Calwell	Princeville	5	40	4.8	Sh.	St.	P. R.	Hand.	Hd.		1,845
28	C. L. Hayes	Brimfield	6	66	4.7	Sh.	Ho.	P. R.	Hand.	Hd.		1,715
29	Umholtz & Johnson	Kingston M.	5	.....	4.4	Dr.	Ho.	P. R.	Mule.	Hd.		1,350
30	Thomas Short	Chillicothe	7	12	3.0	Sl.	Ho.	P. R.	Hand.	Hd.		1,166
31	R. C. Crew	Sparland	7	.....	3.0	Dr.	Hd.	P. R.	Hand.	Hd.		1,046
32	Harry Bramer Coal Co	Mapleton	5	.....	4.2	Dr.	Ho.	P. R.	Mule.	Hd.		991
33	Seffer & Barnewalt	Peoria	5	.....	4.6	Dr.	Ho.	P. R.	Mule.	Hd.		860
34	Martin Coal Co	Peoria	5	.....	4.0	Sl.	Ho.	P. R.	Mule.	Hd.		825
35	Pautz & Spinney	Trivoli	6	36	4.6	Sh.	Ho.	P. R.	Hand.	Hd.		748
36	Henry Penn	Hanna City	5	30	4.0	Sh.	Ho.	P. R.	Hand.	Hd.		745
37	Harry Green	..do	6	.....	4.6	Dr.	Hd.	P. R.	Hand.	Hd.		725
38	Clarkson & Henning	Edwards	5	.....	4.0	Dr.	Hd.	P. R.	Hand.	Hd.		724
39	J. W. Miller	Laura	6	.....	4.6	Sh.	Ho.	P. R.	Hand.	Hd.		635
40	Lorenzo Clarkson	Monica	6	.....	4.7	Dr.	Ho.	P. R.	Hand.	Hd.		540
41	Clark & Martin	Brimfield	6	28	4.6	Sh.	St.	P. R.	Hand.	Hd.		530
42	Albert Warner	Hanna City	6	.....	4.6	Dr.	Hd.	P. R.	Hand.	Hd.		505
43	Thomas Jones & Son	Peoria	5	.....	4.0	Dr.	Ho.	P. R.	Mule.	Hd.		482
44	James Andrews	Edwards	5	.....	4.0	Dr.	Hd.	P. R.	Hand.	Hd.		480
45	Fred Snider	..do	5	.....	3.10	Dr.	Ho.	P. R.	Hand.	Hd.		450
46	Birt Tucker	Brimfield	6	46	4.7	Sh.	Ho.	P. R.	Hand.	Hd.		436
47	Wm. Poole	Edwards	6	25	4.6	Sl.	Ho.	P. R.	Hand.	Hd.		400
48	Fussner Bros	Brimfield	5	.....	3.0	Dr.	Hd.	P. R.	Hand.	Hd.		388
49	C. E. Pratt & Son	Edwards	6	.....	4.6	Dr.	Hd.	P. R.	Hand.	Hd.		386
50	Thomas Stear	..do	5	.....	4.0	Dr.	Hd.	P. R.	Hand.	Hd.		380
51	Frank Harlin	Chillicothe	7	.....	3.0	Dr.	Hd.	P. R.	Hand.	Hd.		278
52	Wm. P. Cramer	Edwards	6	60	4.6	Dr.	Ho.	P. R.	Hand.	Hd.		240
53	Fred Martin	Peoria	5	.....	4.3	Dr.	Ho.	P. R.	Mule.	Hd.		240
54	Edward Slane	Edwards	5	.....	3.10	Dr.	Hd.	P. R.	Hand.	Hd.		196
55	Edwards Coal Co	..do	5	.....	3.10	Dr.	Hd.	P. R.	Hand.	Hd.		175
56	R. J. Scott	Oak Hill	5	.....	3.10	Dr.	Hd.	P. R.	Hand.	Hd.		145
57	M. H. Moody	Hanna City	5	.....	4.2	Dr.	Hd.	P. R.	Hand.	Hd.		10
	Total—57 mines		.....	.....	.....	.....	.....	.....	.....	.....		1,319,551

TABLE 52—Continued.

Number.	Name of operator.	Post-office address of mine.	Physical character of mines. Geological number of seam.	Depth of coal below the surface—feet.	Thickness of seam—feet and inches.	Shaft—slope, drift.	Hoisting—steam, horse, hand.	Long wall, pillar and room.	Haulage—hand, mule, cable, electric.	Mining—hand, machine, both.	Total tons.
	PERRY COUNTY.										
1	Majestic C. & C. Co.	Duquoin	6	409	9.0	Sh.	St.	P. R.	Motor	Both.	665,167
2	Security C. & M. Co., No. 1.	..do	6	90	7.6	Sh.	St.	P. R.	M. & M.	Mc.	652,171
3	Paradise Coal Co.	..do	6	365	8.0	Sh.	St.	P. R.	M. & M.	Both.	500,295
4	Willis C. M. Co., No. 1.	Willisville	6	85	6.0	Sh.	St.	P. R.	Motor	Mc.	257,975
5	Ritchey Coal Co., No. 1.	Pinckneyville	6	142	6.6	Sh.	St.	P. R.	Mule	Hd.	155,971
6	Granger Coal Co.	Craig	6	285	7.0	Sh.	St.	P. R.	Mule	Hd.	110,289
7	St. Louis & Coulterville C. Co., E. M.	Coulterville	6	300	6.0	Sh.	St.	P. R.	M. & M.	Hd.	74,261
8	Wilson Coal Co.	Cutler	6	112	6.0	Sh.	St.	P. R.	Mule	Hd.	35,710
9	Soper Coal Co.	..do	6	125	6.0	Sh.	St.	P. R.	Mule	Hd.	14,132
10	Collier Coal Co.	Tamaroa	6	216	5.8	Sh.	St.	P. R.	Mule	Hd.	13,342
11	Bailey Bros. Coal Co., Diamond	Sunfield	6	80	4.6	Sh.	St.	P. R.	Mule	Hd.	11,819
12	Montgomery Coal Co.	Pinckneyville	6	86	6.8	Sh.	St.	P. R.	Mule	Hd.	8,256
13	Greenwood Davis Coal Co.	Duquoin	6	17	7.0	St.				Hd.	3,000
14	Schneider Coal Co.	Pinckneyville	6	74	6.4	Sh.	St.	P. R.	Mule	Hd.	2,909
15	Hale Coal Co.	..do	6	53	6.0	Sh.	St.	P. R.	Hand	Hd.	2,217
16	New Moon Mining Co.	Duquoin	6	32	6.0	Sh.	St.	P. R.	Hand	Hd.	588
17	Chas. House	St. Johns	6	30	6.0	Sh.	St.	P. R.	Hand	Hd.	360
18	Legrand & Son	Duquoin	6		6.0	Sl.	Ho.	P. R.	Mule	Hd.	340
19	Dry & Revelle	..do	6	30	6.0	Sh.	Ho.	P. R.	Hand	Hd.	214
	Total—19 mines										2,509,016
	PUTNAM COUNTY.										
1	St. Paul Coal Co., No. 1.	Granville	2	488	3.6	Sh.	St.	L. W.	Mule	Hd.	418,186
2	B. F. Berry C. Co., No. 1.	Standard	2	507	3.2	Sh.	St.	L. W.	Mule	Hd.	230,616
	Total—2 mines										648,802
	RANDOLPH COUNTY.										
1	Willis C. M. Co., No. 6.	Percy	6	81	6.6	Sh.	St.	P. R.	M. & M.	Mc.	242,224
2	Illinois Fuel Co., No. 4.	Sparta	6	80	6.0	Sh.	St.	P. R.	M. & M.	Mc.	226,268
3	Moffat Coal Co., No. 1.	..do	6	144	6.0	Sh.	St.	P. R.	Mule	Mc.	167,825
4	Jones Bros. C. M. Co., No. 2.	Marissa	6	180	6.6	Sh.	St.	P. R.	M. & M.	Hd.	114,901
5	Tilden Coal Co., Crystal	Tilden	6	200	6.0	Sh.	St.	P. R.	Mule	Hd.	46,226
6	West Side C. Co., W. M.	Coulterville	6	196	6.0	Sh.	St.	P. R.	Mule	Hd.	45,073
7	Randolph Co. C. Co., No. 1.	..do	6	310	6.8	Sh.	St.	P. R.	Mule	Hd.	35,619
8	Wilson Bros. C. Co., No. 7.	Sparta	6	125	6.0	Sh.	St.	P. R.	Motor	Mc.	13,088
9	Tilden Coal Co., Tilden	Tilden	6	185	6.0	Sh.	St.	P. R.	Mule	Hd.	11,210
10	Boyle Coal Co.	Sparta	6	106	6.0	Sh.	St.	P. R.	Mule	Hd.	7,865
11	John A. Rury	Percy	6	56	6.0	Sh.	St.	P. R.	Hand	Hd.	3,600
12	Wilson Coal Co.	Sparta	6	100	6.0	Sh.	St.	P. R.	Mule	Hd.	3,400
13	Ed. Jones & Son	..do	6	40	5.2	Sh.	St.	P. R.	Hand	Hd.	2,400
14	J. W. Bixby	..do	6	36	4.6	Sh.	St.	P. R.	Hand	Hd.	2,053
15	John Adams	Willisville	6	42	6.0	Sh.	St.	P. R.	Mule	Hd.	1,568
16	Crain Bros. Coal Co.	Percy	6	50	4.8	Sh.	St.	P. R.	Hand	Hd.	1,160
	Total—16 mines										924,480
	ROCK ISLAND COUNTY.										
1	Pryce Coal Co.	Coal Valley	1	123	4.0	Sh.	St.	P. R.	Mule	Both.	12,450
2	Poston & Stoehr	Moline	1	60	3.6	Sh.	St.	P. R.	Hand	Hd.	4,685
3	Baraks Bros. & Kuhlman	Coal Valley	1	150	3.6	Sl.	St.	P. R.	Mule	Hd.	3,118
4	Summerson & Sievers	..do	1	28	3.4	Sl.	St.	P. R.	Mule	Hd.	2,533
5	Fredrick & Gramenz	..do	1	160	4.0	Sl.	St.	P. R.	Mule	Hd.	2,479
6	Stoehr & Schadt Coal Co.	Carbon Cliff	5	70	3.8	Sh.	St.	P. R.	Hand	Hd.	1,322
7	Jamieson & Irwin	Moline	1	65	3.6	Sh.	Ho.	P. R.	Hand	Hd.	1,160
8	Cook & Oltman	Hampton	1	100	4.0	Sl.	Ho.	P. R.	Cable	Hd.	560
9	Stone Bros.	Moline	1	50	3.6	Sh.	Hd.	P. R.	Hand	Hd.	550
10	August Von Ach	Hampton	1	12	3.8	Sl.	Ho.	P. R.	Hand	Hd.	500
11	Lair & Schroder	Moline	1	46	3.6	Sh.	Hd.	P. R.	Hand	Hd.	350
12	Danahoo Coal Co.	Coal Valley	1	25	5.0	Sl.	St.	P. R.	Mule	Hd.	230
	Total—12 mines										29,937

TABLE 52—Continued.

Number.	Name of operator.	Post-office address of mine.	Physical character of mines.								Total tons.
			Geological number of seam.	Depth of coal below the surface—feet.	Thickness of seam—feet and inches.	Shaft—slope, drift.	Hoisting—steam, horse, hand.	Long wall, pillar and room.	Haulage—hand, mule, cable, electric.	Mining—hand, machine, both.	
	SALINE COUNTY.										
1	Wasson Coal Co., No. 1	Wasson	5	385	5.6	Sh.	St.	P. R.	M. & M.	Mc.	573,038
2	O'Gara Coal Co., No. 9	Harrisburg	5	152	6.7	Sh.	St.	P. R.	M. & M.	Mc.	526,676
3	Saline Co. Coal Co., No. 3	do	5	276	7.0	Sh.	St.	P. R.	Motor	Mc.	498,069
4	O'Gara Coal Co., No. 1	do	5	311	6.0	Sh.	St.	P. R.	M. & M.	Mc.	406,259
5	Eldorado C. & M. Co., No. 1	Eldorado	5	450	4.10	Sh.	St.	P. R.	M. & M.	Both.	388,604
6	Saline Co. Coal Co., No. 2	Harrisburg	5	100	7.0	Sh.	St.	P. R.	M. & M.	Mc.	369,494
7	O'Gara Coal Co., No. 11	do	5	396	4.8	Sh.	St.	P. R.	M. & M.	Mc.	352,050
8	O'Gara Coal Co., No. 10	do	5	406	4.8	Sh.	St.	P. R.	M. & M.	Mc.	337,672
9	Saline Co. Coal Co., No. 6	do	5	336	5.3	Sh.	St.	P. R.	M. & M.	Mc.	217,606
10	Wasson Coal Co., No. 2	Carriers Mills.	5	50	5.0	Sl.	St.	P. R.	Motor	Mc.	177,549
11	Harrisburg B. M. C. Co., No. 12	Harrisburg	5	412	5.6	Sh.	St.	P. R.	M. & M.	Mc.	149,098
12	O'Gara Coal Co., No. 4	do	5	213	7.0	Sh.	St.	P. R.	M. & M.	Mc.	146,773
13	Harrisburg-Saline Coll. Co., No. 15	do	5	58	5.6	Sh.	St.	P. R.	M. & M.	Mc.	131,926
14	O'Gara Coal Co., No. 8	do	5	393	4.8	Sh.	St.	P. R.	M. & M.	Mc.	93,923
15	Harrisburg B. M. C. Co., No. 14	do	5	137	7.0	Sh.	St.	P. R.	M. & M.	Mc.	46,910
16	O'Gara Coal Co., No. 3	do	5	233	7.0	Sh.	St.	P. R.	M. & M.	Mc.	34,941
17	Durham Coal Co., No. 1	Galatia	5	365	5.10	Sh.	St.	P. R.	Mule	Hd.	26,474
18	Lone Star Coal Co	Carriers Mills.	5	47	5.3	Sh.	St.	P. R.	Mule	Hd.	9,150
19	Jess. Raymer	Eagle	7	12	4.5	Dr.	Hd.	P. R.	Hand	Hd.	4,125
20	Elder & Bixler	Carriers Mills.	5	16	5.0	Sl.	St.	P. R.	Mule	Hd.	3,695
21	Dorris Coal Co	Dorrisville	7	60	4.8	Sh.	St.	P. R.	Mule	Hd.	2,050
22	R. L. Clements	Mitchellsville	5	10	4.0	Sl.	Ho.	P. R.	Mule	Hd.	1,000
23	Jessie Allen	Equality	5	.....	4.0	Dr.	Ho.	P. R.	Mule	Hd.	960
24	Louis Dunn	Stonefort	5	10	3.4	Dr.	Hd.	P. R.	Hand	Hd.	750
25	S. J. Moore	Equality	7	12	4.6	Dr.	Ho.	P. R.	Mule	Hd.	630
26	John Yates	do	7	14	4.0	Dr.	Ho.	P. R.	Mule	Hd.	630
27	W. R. Henshaw	Stonefort	7	65	5.0	Dr.	Ho.	P. R.	Mule	Hd.	560
28	Dorris Coal Co., No. 1	Mitchellsville	5	30	4.0	Dr.	Ho.	P. R.	Mule	Hd.	425
29	Almon Russel	Harrisburg	5	40	8.0	Sh.	Ho.	P. R.	Hand	Hd.	412
30	Mag Sisk	Equality	7	10	4.6	Dr.	Hd.	P. R.	Hand	Hd.	342
31	T. L. Osborn	do	5	.....	5.0	Dr.	Hd.	P. R.	Mule	Hd.	240
32	Henry Biggs	Stonefort	5	10	3.6	Sl.	Ho.	P. R.	Hand	Hd.	200
33	J. F. Colbert	Derby	5	25	4.6	Sl.	Hd.	P. R.	Hand	Hd.	145
34	Willis Henson	Harrisburg	5	20	3.10	Sl.	Hd.	P. R.	Hand	Hd.	115
35	Job Ingram	do	5	30	4.6	Sl.	Ho.	P. R.	Mule	Hd.	110
36	Pat H. Ross	Stonefort	5	20	3.8	Sl.	Ho.	P. R.	Hand	Hd.	70
37	John Yates	Equality	5	.....	4.0	Sl.	Ho.	P. R.	Mule	Hd.	50
38	Logan Dunn	Stonefort	5	25	3.4	Dr.	Hd.	P. R.	Hand	Hd.	45
39	Logan Dunn	do	7	12	3.8	Dr.	Hd.	P. R.	Hand	Hd.	35
	Total—39 mines										4,502,801
	SANGAMON COUNTY.										
1	Springfield C. M. Co., No. 2	Riverton	5	235	5.9	Sh.	St.	P. R.	M. & M.	Hd.	480,544
2	Peabody Coal Co., No. 6	Sherman	5	204	6.0	Sh.	St.	P. R.	M. & M.	Hd.	432,857
3	Chi., Wilm. & Frank. C. Co., No. 1	Thayer	6	300	7.0	Sh.	St.	P. R.	M. & M.	Mc.	403,936
4	Chicago-Springfield C. Co.	Springfield	5	.....	6.0	Sh.	St.	P. R.	Mule	Hd.	350,515
5	Jones & Adams, Peerless	do	5	230	5.8	Sh.	St.	P. R.	Motor	Hd.	338,654
6	Madison Coal Corp., No. 6	Divernon	6	325	8.0	Sh.	St.	P. R.	M. & M.	Mc.	337,907
7	Springfield Dist. C. M. Co., No. 4	Auburn	6	302	8.0	Sh.	St.	P. R.	Mule	Hd.	329,941
8	West End Coal Co., W. S.	Springfield	5	148	5.10	Sh.	St.	P. R.	Motor	Hd.	287,005
9	Springfield C. M. Co., No. 5	do	5	250	5.9	Sh.	St.	P. R.	M. & M.	Hd.	274,527
10	Citizens C. M. Co., B	do	5	208	5.9	Sh.	St.	P. R.	M. & M.	Hd.	243,541
11	Sangamon Coal Co	do	5	265	6.0	Sh.	St.	P. R.	Mule	Hd.	231,759
12	Montour Coal Co., No. 400	do	5	230	6.0	Sh.	St.	P. R.	M. & M.	Hd.	197,308
13	Springfield Dist. C. M. Co., No. 1	Andrew	5	202	5.10	Sh.	St.	P. R.	Mule	Hd.	195,492
14	Springfield Dist. C. M. Co., No. 7	Springfield	5	210	5.10	Sh.	St.	P. R.	M. & M.	Hd.	174,567
15	Tuxhorn Coal Co	do	5	250	5.10	Sh.	St.	P. R.	M. & M.	Hd.	134,612

TABLE 52—Continued.

Number.	Name of operator.	Post-office address of mine.	Physical character of mines.								Total tons.
			Geological number of seam.	Depth of coal below the surface—feet.	Thickness of seam—feet and inches.	Shaft—slope, drift.	Hoisting—steam, horse, hand.	Long wall, pillar and room.	Haulage—hand, mule, cable, electric.	Mining—hand, machine, bodl.	
16	Peabody Coal Co., No. 5	Pawnee	6	323	7.6	Sh.	St..	P. R.	Motor..	Hd...	123,064
17	Spring Creek Coal Co	Springfield	5	.....	5.8	Sh.	St..	P. R.	Mule...	Hd...	117,243
18	Lincoln Park C. & B. Co	..do	5	204	5.9	Sh.	St..	P. R.	Mule...	Hd...	62,115
19	Auburn & Alton Coal Co	Auburn	6	280	7.0	Sh.	St..	P. R.	M. & M.	Hd...	50,440
20	Springfield Co-operative Coal Co	Springfield	5	250	5.10	Sh.	St..	P. R.	M. & M.	Hd...	38,910
21	Springfield Dist. C. M. Co., No. 3	..do	5	250	5.9	Sh.	St..	P. R.	Mule...	Hd...	38,493
22	No. 12 Coal Co	..do	5	180	5.9	Sh.	St..	P. R.	Mule...	Hd...	17,608
23	Citizens Coal Co	Pleasant Pl's.	3	110	6.0	Sh.	St..	P. R.	Mule...	Hd...	3,510
24	Williamson & Denney	Barclay	5	230	6.0	Sh.	St..	P. R.	M. & M.	Hd...	3,000
25	Happy Hollow Coal Co	Pleasant Pl's.	5	95	5.6	Sh.	St..	P. R.	Mule...	Hd...	1,523
26	Dabney & Jackson	Salisbury	5	90	5.6	Sh.	St..	P. R.	Mule...	Hd...	910
	Total—26 mines										4,869,981
	SCHUYLER COUNTY.										
1	John Wrister	Rushville	2	60	6.0	Sl..	Ho.	P. R.	Hand..	Hd...	2,050
2	J. R. Thompson	..do	2	55	6.0	Sh.	Ho.	P. R.	Hand..	Hd...	1,900
3	Harvey Settles	..do	2	55	6.0	Sh.	Ho.	P. R.	Hand..	Hd...	1,825
4	George Edwards	..do	2	50	5.0	Sh.	Ho.	P. R.	Hand..	Hd...	1,800
5	Joe Davis	..do	2	40	5.0	Sh.	Ho.	P. R.	Hand..	Hd...	875
6	Elmer Volger	Littleton	2	45	2.7	Dr.	Hd.	P. R.	Hand..	Hd...	750
7	Ross Porter	..do	2	90	2.8	Dr.	Hd.	P. R.	Hand..	Hd...	640
8	Fred W. Croxton	Pleasant V'w.	2	30	3.0	Dr.	Hd.	P. R.	Hand..	Hd...	620
9	William Vincent	Littleton	2	40	2.8	Dr.	Hd.	P. R.	Hand..	Hd...	575
10	John Meredith	Rushville	2	50	5.0	Sh.	Ho.	P. R.	Hand..	Hd...	525
11	Maneeley & Paine	Littleton	2	40	2.8	Dr.	Hd.	P. R.	Hand..	Hd...	520
12	Goary & Simpson	Ray	2	80	2.8	Dr.	Hd.	P. R.	Hand..	Hd...	480
13	France & Loderman	Littleton	2	30	2.8	Dr.	Hd.	P. R.	Hand..	Hd...	450
14	C. J. Coon	Frederick	2	60	2.8	Dr.	Hd.	P. R.	Hand..	Hd...	400
15	George Passno	Ray	2	60	2.8	Dr.	Hd.	P. R.	Hand..	Hd...	361
16	Harris & Vernorman	Huntsville	2	45	2.8	Dr.	Hd.	P. R.	Hand..	Hd...	255
17	Will Cagle	Pleasant V'w.	2	80	2.8	Dr.	Hd.	P. R.	Hand..	Hd...	250
18	Miller & Burnett	Huntsville	2	30	2.8	Dr.	Hd.	P. R.	Hand..	Hd...	250
19	Homer Carry	Brooklyn	2	35	2.8	Dr.	Hd.	P. R.	Hand..	Hd...	220
20	Sprinkle & Rase	Littleton	2	40	2.8	Dr.	Hd.	P. R.	Hand..	Hd...	210
21	Hesh & Glimpse	..do	2	40	2.8	Sl..	Hd.	P. R.	Hand..	Hd...	200
22	George Edwards	Huntsville	2	30	2.8	Sh.	Ho.	P. R.	Hand..	Hd...	200
23	Tom Cummings	Frederick	2	50	2.8	Dr.	Hd.	P. R.	Hand..	Hd...	180
24	Babb & Reed	Birmingham	2	70	2.8	Dr.	Hd.	P. R.	Hand..	Hd...	180
25	Beards Bros	Ray	2	100	2.8	Dr.	Hd.	P. R.	Hand..	Hd...	180
26	Clarence H. Price	Industry	2	30	2.8	Dr.	Hd.	P. R.	Hand..	Hd...	160
27	Frank Depoy & Son	Frederick	2	40	2.8	Dr.	Hd.	P. R.	Hand..	Hd...	150
28	Simon Portwood	Birmingham	2	35	2.8	Dr.	Hd.	P. R.	Hand..	Hd...	140
29	Robert Brooks	Littleton	2	80	2.8	Dr.	Hd.	P. R.	Hand..	Hd...	130
30	James Allen	Pleasant V'w.	2	90	2.8	Sl..	Ho.	P. R.	Hand..	Hd...	120
	Total—30 mines										16,596
	SCOTT COUNTY.										
1	Geo. W. Northrop	Alsey	2	60	2.6	Sl..	Hd.	P. R.	Hand..	Hd...	1,575
2	D. P. Ratigan	Exeter	2	40	2.6	Dr.	Hd.	P. R.	Hand..	Hd...	680
3	Chas. Taylor	..do	2	40	2.6	Dr.	Hd.	P. R.	Hand..	Hd...	650
4	David D. Orchard	..do	2	45	2.6	Dr.	Hd.	P. R.	Hand..	Hd...	575
5	James J. Morris	..do	2	45	2.6	Dr.	Hd.	P. R.	Hand..	Hd...	460
6	Isaac Moore	..do	2	60	2.6	Dr.	Hd.	P. R.	Hand..	Hd...	275
7	James A. Jones	Winchester	2	60	2.6	Dr.	Hd.	P. R.	Hand..	Hd...	255
8	Geo. Sellers	..do	2	75	2.6	Sl..	Hd.	P. R.	Hand..	Hd...	187
	Total—8 mines										4,657
	SHELBY COUNTY.										
1	Moweaqua C. M. & Mfg. Co., No. 1	Moweaqua	5	620	5.2	Sh.	St..	P. R.	M. & M.	Mc...	76,533
2	Wm. Baum Coal Co., No. 4.	Shelbyville	16	58	2.6	Sh.	Ho.	P. R.	Hand..	Hd...	2,400

TABLE 52—Continued.

Number.	Name of operator.	Post-office address of mine.	Physical character of mines.								Total tons.
			Geological number of seam.	Depth of coal below the surface—feet.	Thickness of seam—feet and inches.	Shaft—slope, drift.	Hoisting—steam, horse, hand.	Long wall, pillar and room.	Haulage—hand, mule, cable, electric.	Mining—hand, machine, both.	
3	B. F. Stretch & Son	Shelbyville	16	56	2.2	Sh.	Ho.	P. R.	Hand	Hd	2,042
4	A. W. Smith	do	16	63	2.1	Sh.	Ho.	P. R.	Hand	Hd	1,350
5	Wm. Baum Coal Co., No. 6	do	16	90	2.6	Sh.	Ho.	P. R.	Hand	Hd	325
	Total—5 mines										82,650
	STARK COUNTY.										
1	Waite Bros	Wyoming	6	80	5.0	Sh.	St.	P. R.	Hand	Hd	4,303
2	T. T. McDaniel	do	6	100	4.0	Sh.	St.	P. R.	Hand	Hd	3,739
3	James Scott	do	6	83	4.8	Sh.	Ho.	P. R.	Hand	Hd	1,700
4	L. C. Higbee	do	6	100	4.0	Sh.	St.	P. R.	Hand	Hd	840
5	Geo. D. Boardman	Toulon	6	30	4.6	Sh.	Ho.	P. R.	Hand	Hd	750
6	C. J. Newton	do	6	72	4.6	Sh.	Ho.	P. R.	Hand	Hd	662
7	Mike Beeman	Wyoming	6	22	4.0	Sh.	Ho.	P. R.	Hand	Hd	600
8	Curtis & Adleman	do	6	.....	4.4	Dr.	Ho.	P. R.	Hand	Hd	400
9	Alfred E. Catton	La Fayette	6	.....	5.0	Dr.	Hd.	P. R.	Hand	Hd	350
10	Henry Roberts	Wyoming	6	40	4.4	Dr.	Hd.	P. R.	Hand	Hd	187
	Total—10 mines										13,531
	ST. CLAIR COUNTY.										
1	St. Louis & O'Fallon C. Co., No. 2	E. St. Louis	6	197	6.0	Sh.	St.	P. R.	Motor	Both.	750,228
2	Consolidated C. Co., No. 17	Collinsville	6	236	6.6	Sh.	St.	P. R.	M. & M.	Mc	367,925
3	Southern C., C. & M. Co., No. 8	Belleville	6	114	7.6	Sh.	St.	P. R.	M. & M.	Mc	308,397
4	Southern C., C. & M. Co., No. 7	do	6	131	7.6	Sh.	St.	P. R.	M. & M.	Mc	183,058
5	Superior C. & M. Co., Sup	do	6	160	7.0	Sh.	St.	P. R.	M. & M.	Mc	134,151
6	Kolb Coal Co., No. 2	Mascoutah	6	160	7.0	Sh.	St.	P. R.	M. & M.	Hd	131,117
7	Suburban C. & M. Co	Belleville	6	175	5.7	Sh.	St.	P. R.	M. & M.	Hd	105,697
8	Victoria Coal Co	do	6	70	6.7	Sh.	St.	P. R.	M. & M.	Mc	91,017
9	Kolb Coal Co., Fairbank	New Athens	6	140	7.0	Sh.	St.	P. R.	M. & M.	Hd	86,839
10	Mulberry Hill C. Co., No. 1	Freeburg	6	150	6.9	Sh.	St.	P. R.	Mule	Mc	83,000
11	Columbia Coal Co., Royal	Belleville	6	175	6.7	Sh.	St.	P. R.	M. & M.	Mc	80,381
12	International C. M. Co., Carbon	O'Fallon	6	178	7.6	Sh.	St.	P. R.	M. & M.	Mc	80,353
13	Star Coal Co., Star	Freeburg	6	80	7.0	Sh.	St.	P. R.	Mule	Mc	80,335
14	Eldnar Coal Co	Belleville	6	105	7.0	Sh.	St.	P. R.	Mule	Both.	79,122
15	Northern Coal Co	Millstadt	6	30	6.0	St.	.....	.....	Motor	Hd	62,970
16	Golden Rule Coal Co	Lenzburg	6	56	6.10	Sh.	St.	P. R.	Mule	Hd	54,575
17	New National C. & M. Co	Belleville	5	65	6.6	Sh.	St.	P. R.	Mule	Hd	53,263
18	Abend Coal Co., Massie	do	6	130	6.6	Sh.	St.	P. R.	Mule	Hd	43,462
19	Prairie Coal Co	do	6	212	6.7	Sh.	St.	P. R.	Mule	Hd	40,397
20	Jones Bros. Coal & Mining Co., No. 1	Marissa	6	120	6.6	Sh.	St.	P. R.	Mule	Hd	38,697
21	Egyptian C. M. Co., Meek	do	6	190	6.0	Sh.	St.	P. R.	Mule	Mc	36,428
22	H. E. Miller, Ruby	Caseyville	6	180	7.0	Sh.	St.	P. R.	Mule	Hd	32,858
23	Dozow Valley Coal Co	Marissa	6	120	7.0	Sh.	St.	P. R.	M. & M.	Hd	32,060
24	Pittsburg Mining Co	Belleville	6	135	6.0	Sh.	St.	P. R.	Mule	Hd	31,773
25	N. Freeburg C. Co., Famous	do	6	120	6.8	Sh.	St.	P. R.	Mule	Hd	28,640
26	Highland Coal Co	do	6	120	6.7	Sh.	St.	P. R.	Mule	Hd	23,972
27	Oakdale C. M. Co	do	6	100	6.7	Sh.	St.	P. R.	M. & M.	Hd	23,421
28	Fisher Fuel Co., St. Ellen	O'Fallon	6	200	7.6	Sh.	St.	P. R.	M. & M.	Hd	19,026
29	Groom Coal Co., Richland	Belleville	6	90	7.10	Sh.	St.	P. R.	M. & M.	Hd	18,737
30	Peoples Coal Co	Lebanon	6	200	4.8	Sh.	St.	P. R.	Mule	Mc	18,000
31	White Coal Co., Valley	Belleville	6	80	6.6	Sh.	St.	P. R.	Mule	Hd	14,076
32	Fullerton Coal Co	do	6	165	7.0	Sh.	St.	P. R.	Mule	Hd	13,494
33	Reeb Coal Co., Murphy	do	6	46	6.0	Sh.	St.	P. R.	Mule	Hd	12,105
34	Summit C. & M. Co	do	6	180	7.0	Sh.	St.	P. R.	Mule	Hd	6,486
35	Mo. & Ill. C. Co., Rentchler	Rentchler	6	114	7.0	Sh.	St.	P. R.	M. & M.	Hd	6,383
36	Southern C., C. & M. Co., No. 5	Belleville	6	119	6.0	Sh.	St.	P. R.	Mule	Hd	5,328
37	International C. & M. Co., Taylor Mine	O'Fallon	6	180	7.0	Sh.	St.	P. R.	M. & M.	Hd	4,004
38	Kolb Coal Co., No. 1	Mascoutah	6	160	7.0	Sh.	St.	P. R.	Mule	Hd	62,906

TABLE 52—Continued.

Number.	Name of operator.	Post-office address of mine.	Physical character of mines.								Total tons.
			Geological number of seam.	Depth of coal below the surface—feet.	Thickness of seam—feet and inches.	Shaft—slope, drift.	Hoisting—steam, horse, hand.	Long wall, pillar and room.	Haulage—hand, mule, cable, electric.	Mining—hand, machine, both.	
39	R. Schramm & Son	Belleville	6	50	6.0	Sh.	St.	P. R.	Mule	Hd.	12,029
40	William Lattman	..do	6	60	6.6	Sh.	St.	P. R.	Mule	Hd.	9,617
41	Tower Grove C. & I. Co.	..do	6	150	6.6	Sh.	St.	P. R.	Mule	Hd.	8,903
42	John T. Beatty	Mascoutah	6	160	7.0	Sh.	St.	P. R.	Mule	Hd.	7,548
43	Bretz & Schilling	Belleville	6	107	6.8	Sh.	St.	P. R.	Mule	Hd.	7,500
44	Wm. C. Fullmer	New Athens	6	80	7.0	Sh.	St.	P. R.	Mule	Hd.	4,498
45	J. W. McGough	Marissa	6	60	6.0	Sh.	St.	P. R.	Hand	Hd.	4,000
46	A. J. Marxer	Millstadt	6	45	4.6	Sh.	St.	P. R.	Hand	Hd.	3,232
47	A. Gundlach	Belleville	6	.....	6.0	Dr.	Ho.	P. R.	Mule	Hd.	3,126
48	Fred Qurin & Son	Smithton	6	18	6.0	Sl.	Ho.	P. R.	Mule	Hd.	2,546
49	Pister & Son	Millstadt	6	44	6.0	Sh.	St.	P. R.	Hand	Hd.	2,285
50	Diamond Joe Coal Co	..do	6	20	6.0	Sl.	Ho.	P. R.	Hand	Hd.	1,556
51	Aug. C. Stalheber	Freeburg	6	40	6.0	Sl.	Ho.	P. R.	Mule	Hd.	1,341
52	Muller & Buxton	..do	6	.....	5.6	Sl.	Ho.	P. R.	Mule	Hd.	1,262
53	Fred. J. Zeska	Edgemont	6	50	7.0	Dr.	Ho.	P. R.	Hand	Hd.	900
54	A. Rosanko	Belleville	6	.....	6.0	Sl.	Ho.	P. R.	Mule	Hd.	626
	Total—54 mines										3,315,650
	TAZEWELL COUNTY.										
1	Tazewell Coal Co	Pekin	5	165	4.8	Sh.	St.	P. R.	Mule	Mc.	130,184
2	Groveland Mining Co	Peoria	5	80	4.8	Sh.	St.	P. R.	Mule	Both.	98,580
3	Lake Erie C. M. Co., No. 1	East Peoria	5	60	4.6	Sl.	St.	P. R.	Cable	Hd.	22,744
4	Ubben Coal Co., No. 1	Pekin	5	90	4.8	Sh.	St.	P. R.	Mule	Both.	20,345
5	David Grant	..do	5	100	4.8	Sh.	St.	P. R.	Mule	Hd.	8,388
6	Gielbenhausen Coal Co	Peoria	5	98	4.5	Sh.	St.	P. R.	Mule	Hd.	7,860
7	Manhattan Coal Co	East Peoria	5	200	4.4	Sl.	St.	P. R.	Cable	Hd.	7,800
8	Pekin Coal Co., No. 1	Pekin	5	200	4.8	Sh.	St.	P. R.	Mule	Hd.	7,015
9	Eastern Coal Co	East Peoria	5	70	4.4	Sh.	St.	P. R.	Cable	Hd.	3,780
10	Harry Turner	..do	5	.....	7.0	Dr.	Ho.	P. R.	Mule	Hd.	3,200
11	Holley & Blackburn	..do	5	50	5.6	Sh.	Ho.	P. R.	Hand	Hd.	186
	Total—11 mines										310,082
	VERMILION COUNTY.										
1	Bunsen Coal Co., Verm	Westville	6	181	6.6	Sh.	St.	P. R.	Motor	Both.	757,533
2	Bunsen Coal Co., No. 4	..do	6	164	6.0	Sh.	St.	P. R.	Motor	Hd.	589,455
3	Bunsen Coal Co., No. 3	..do	6	195	6.0	Sh.	St.	P. R.	Motor	Both.	342,167
4	Producers Coal Co., No. 22	..do	6	200	6.0	Sh.	St.	P. R.	M. & M.	Hd.	184,196
5	Two Rivers Coal Co	Danville	7	30	5.6	St.	.....	.....	.....	.....	143,000
6	Missionfield C. Co., No. 3	..do	6	90	6.0	Sl.	St.	P. R.	Motor	Mc.	131,441
7	Carbon Hill C. Co., No. 1	..do	7	30	5.6	St.	.....	.....	.....	.....	107,250
8	Missionfield C. Co., No. 2	..do	7	86	6.0	Dr.	St.	P. R.	Cable	Both.	88,994
9	Danville Col. Co., No. 1	Catlin	7	135	5.10	Sh.	St.	P. R.	M. & M.	Hd.	86,000
10	Contract Mining Co	Danville	7	95	6.0	Sl.	St.	P. R.	Mule	Hd.	70,809
11	Sharon Coal Co	Georgetown	6	210	5.6	Sh.	St.	P. R.	Mule	Hd.	43,660
12	A. B. Mauck	Danville	7	280	6.0	Sl.	St.	P. R.	Mule	Hd.	12,011
13	J. H. Mauck	..do	7	280	6.0	Sl.	St.	P. R.	Mule	Hd.	8,000
14	W. J. Watkins	..do	7	75	6.0	Dr.	Ho.	P. R.	Mule	Hd.	7,000
15	W. F. Crawford & Son	Collison	7	107	5.6	Sh.	St.	P. R.	Mule	Mc.	5,000
16	Chas. E. Lind	Danville	7	70	6.0	Sl.	Ho.	P. R.	Mule	Hd.	4,800
17	Frank Woodard	Oakwood	7	70	5.6	Sh.	St.	P. R.	Mule	Hd.	4,500
18	Mrs. W. A. Cole	Danville	7	60	6.0	Sl.	Ho.	P. R.	Mule	Hd.	3,663
19	Palmer Coal Co	Grape Creek	5	.....	6.0	Dr.	Hd.	P. R.	Hand	Hd.	3,300
20	Lloyd Hawkins	Georgetown	7	.....	5.0	Dr.	Ho.	P. R.	Hand	Hd.	3,000
21	S. M. Hodges & Son	Danville	7	175	6.0	Sl.	St.	P. R.	Hand	Hd.	2,200
22	Elis Peffett	Grape Creek	7	30	5.6	Sl.	Hd.	P. R.	Mule	Hd.	1,840
23	Geo. A. Miller	Danville	7	8	5.8	Sl.	Ho.	P. R.	Mule	Hd.	1,400
24	Jones Bros	..do	7	40	6.0	Sl.	St.	P. R.	Mule	Hd.	1,400
25	P. I. Ogden & Son	..do	7	100	6.0	Dr.	Hd.	P. R.	Mule	Hd.	1,300
26	John T. James	Westville	7	20	6.6	Sh.	Ho.	P. R.	Mule	Hd.	1,156
27	Coxon Bros	Grape Creek	6	.....	6.0	Dr.	Hd.	P. R.	Hand	Hd.	700
28	Fairmount Coal Co	Fairmount	7	22	5.6	Sh.	St.	P. R.	Hand	Hd.	700
29	Westfall Coal Co	Danville	7	60	6.0	Dr.	Hd.	P. R.	Hand	Hd.	650
30	Jas. Brown	Grape Creek	7	80	5.6	Sl.	Hd.	P. R.	Mule	Hd.	400

TABLE 52—Continued.

Number.	Name of operator.	Post-office address of mine.	Physical character of mines. Geological number of seam.	Depth of coal below the surface—feet.	Thickness of seam—feet and inches.	Shaft—slope, drift.	Hoisting—steam, horse, hand.	Long wall, pillar and room.	Haulage—hand, mule, cable, electric.	Mining—hand, machine, both.	Total tons.
31	Mons. Olson	Grape Creek	7	.....	6.0	Dr.	Ho.	P. R.	Hand	Hd	350
32	Clingem Bros	Westville	7	.....	5.0	Dr.	Ho.	P. R.	Mule	Hd	200
33	Ed. Wooster	..do	7	40	5.6	Sl.	Hd.	P. R.	Mule	Hd	180
34	Jake Willis	..do	7	50	5.6	Dr.	Hd.	P. R.	Mule	Hd	160
35	Willis Jenkins	Grape Creek	7	40	6.0	Sl.	Hd.	P. R.	Mule	Hd	150
36	Fred Lafferty	Westville	7	30	5.0	Sl.	Hd.	P. R.	Mule	Hd	150
37	Cunningham & Cunningham	Danville	7	40	6.0	Sl.	Hd.	P. R.	Mule	Hd	100
	Total—37 mines										2,608,815
	WARREN COUNTY.										
1	Gilmore & Houston	Alexis	1	52	4.0	Sh.	St.	P. R.	Hand	Hd	3,000
2	Willis Clayton	Avon	2	.....	2.0	Dr.	Hd.	P. R.	Hand	Hd	800
3	H. J. Rohr	Alexis	1	49	4.0	Sh.	St.	P. R.	Hand	Hd	580
4	J. G. Lee	Youngstown	2	12	2.0	Sl.	St.	P. R.	Hand	Hd	420
5	Thos. Caldwell & Son	Avon	2	.....	2.0	Dr.	Hd.	P. R.	Hand	Hd	400
6	Bryner Bros	Roseville	2	26	2.0	Sl.	St.	P. R.	Hand	Hd	240
	Total—6 mines										5,440
	WASHINGTON COUNTY.										
1	Centralia Coal Co., No. 5	Centralia	6	536	6.0	Sh.	St.	P. R.	Motor	Both.	560,944
2	Nicholson Bros. Coal Co	Nashville	6	420	6.0	Sh.	St.	P. R.	Mule	Hd	34,692
3	Kuhn Colliery Co	Dubois	6	300	6.6	Sh.	St.	P. R.	Mule	Hd	7,452
4	Martin Bros	Lenzburg	6	200	6.6	Sh.	St.	P. R.	Mule	Hd	3,126
	Total—4 mines										606,214
	WHITE COUNTY.										
1	White Co. M. & P. Co	Norris City	6	640	4.6	Sh.	St.	P. R.	Mule	Mc	27,151
	Total—1 mine										27,151
	WILL COUNTY.										
1	Wilmington C. M. & M. Co.	Torino	2	105	3.6	Sh.	St.	L. W.	Mule	Hd	71,702
2	Murphy, Linskey, Kasher C. Co	Braidwood	2	61	3.3	Sh.	St.	L. W.	Mule	Hd	52,742
3	Oswald & Young	..do	2	60	3.0	Sh.	Ho.	L. W.	Mule	Hd	4,400
	Total—3 mines										128,844
	WILLIAMSON COUNTY.										
1	Johnston City C. Co., No. 1	Johnston City	6	220	9.0	Sh.	St.	P. R.	M. & M.	Both.	627,531
2	Peabody Coal Co., No. 3	Marion	6	108	9.0	Sh.	St.	P. R.	M. & M.	Both.	605,908
3	W. P. Rend Coal & Coke Co., No. 2	Herrin	7	215	9.0	Sh.	St.	P. R.	M. & M.	Both.	517,138
4	Madison C. Corp., No. 9	Dewmaine	6	118	7.6	Sh.	St.	P. R.	Motor	Both.	506,579
5	Big Muddy C. & I. Co., No. 7	Herrin	6	148	9.0	Sh.	St.	P. R.	M. & M.	Hd	473,283
6	Searls Coal Co., McC. No. 2	Johnston City	6	270	9.0	Sh.	St.	P. R.	M. & M.	Mc	458,105
7	Big Muddy C. & I. Co., No. 8	Clifford	6	170	9.0	Sh.	St.	P. R.	M. & M.	Mc	444,936
8	Madison C. Corp., No. 8	Dewmaine	6	98	7.6	Sh.	St.	P. R.	Motor	Both.	407,451
9	Western C. & M. Co., No. 1	Bush	6	123	6.6	Sh.	St.	P. R.	M. & M.	Hd	371,175
10	Consolidated Coal Co., Lake Creek	Johnston City	6	130	10.0	Sh.	St.	P. R.	M. & M.	Hd	341,320
11	Sunnyside Coal Co., No. 1	Herrin	6	150	7.6	Sh.	St.	P. R.	M. & M.	Both.	309,141
12	West Virginia C. Co., No. 1	Marion	6	108	7.0	Sh.	St.	P. R.	M. & M.	Mc	258,428
13	Taylor Mining Co., No. 2	Herrin	6	140	9.0	Sh.	St.	P. R.	Motor	Hd	256,221
14	Chicago Big Muddy Coal & Coke Co., B. M.	Marion	6	100	9.0	Sh.	St.	P. R.	M. & M.	Both.	229,365
15	Hafer Washed C. Co., No. 3	Carterville	7	120	9.0	Sh.	St.	P. R.	M. & M.	Hd	221,526
16	Chi. & Carterville C. Co., B.	Herrin	7	240	9.0	Sh.	St.	P. R.	M. & M.	Hd	203,183
17	Scranton & Big Muddy Coal Mining Co., No. 1	Marion	7	160	7.0	Sh.	St.	P. R.	Mule	Mc	199,770
18	Williamson Co. Coal Co	Johnston City	7	180	8.6	Sh.	St.	P. R.	M. & M.	Hd	194,679
19	Chi. & Carterville C. Co., A.	Herrin	7	180	9.0	Sh.	St.	P. R.	M. & M.	Both.	187,753

TABLE 52—Concluded.

Number.	Name of operator.	Post-office address of mine.	Physical character of mines. Geological number of seam.	Depth of coal below the surface—feet.	Thickness of seam—feet and inches.	Shaft—slope, drift.	Hoisting—steam, horse, hand.	Long wall, pillar and room.	Haulage—hand, mule, cable, electric.	Mining—hand, machine, both.	Total tons.
20	Pond Creek Coal Co.	Herrin	6	240	9.0	Sh.	St.	P. R.	M. & M.	Mc.	187,154
21	Big Muddy Fuel Co., N. V.	Johnston City	7	120	7.6	Sh.	St.	P. R.	M. & M.	Both.	183,493
22	Taylor Mining Co., No. 1	Herrin	6	50	9.0	Sh.	St.	P. R.	M. & M.	Hd.	173,548
23	Carterville & Herrin C. Co., Jeffrey	do	7	140	9.0	Sh.	St.	P. R.	M. & M.	Hd.	157,995
24	St. Louis & Carterville Coal Co., Dale	do	6	100	6.9	Sh.	St.	P. R.	M. & M.	Hd.	105,916
25	New Enterprise Coal Co.	Marion	6	18	7.0	St.	St.	P. R.	Hand.	Hd.	94,122
26	Watson Coal Co., No. 2	Herrin	6	.....	9.0	Sh.	St.	P. R.	Motor.	Hd.	72,588
27	Peabody Coal Co., No. 2	Marion	6	84	9.0	Sh.	St.	P. R.	M. & M.	Both.	36,423
28	Cambria Coal Co.	Johnston City	6	230	10.0	Sh.	St.	P. R.	Mule.	Both.	32,120
29	Carterville Big Muddy Coal Co., John	Cambria	6	100	9.0	Sh.	St.	P. R.	Mule.	Hd.	15,408
30	J. S. McNeil Coal Co.	Carterville	6	24	7.6	Sl.	Ho.	P. R.	Mule.	Hd.	8,000
31	J. W. Stalcup	do	6	64	4.0	Sh.	St.	P. R.	Mule.	Hd.	4,850
32	Young Bros.	do	6	50	4.0	Sh.	St.	P. R.	Hand.	Hd.	3,850
33	Waldron & Brayfield	Cambria	6	120	9.6	Sl.	St.	P. R.	Mule.	Hd.	3,619
34	Em. McClanahan	Marion	6	75	6.0	Sl.	St.	P. R.	Mule.	Hd.	3,250
35	H. Crain	Carterville	6	.....	6.0	Sl.	St.	P. R.	Mule.	Hd.	2,300
36	H. M. Ghent	do	6	50	.....	Sh.	St.	P. R.	Hand.	Hd.	2,250
37	M. T. Bateman	Herrin	6	.....	4.0	Sl.	St.	P. R.	Hand.	Hd.	1,075
38	F. E. Rentfro	Crab Orchard	6	.....	4.0	Dr.	Ho.	P. R.	Mule.	Hd.	800
39	Chas. Motsinger	do	6	12	4.6	Sl.	Ho.	P. R.	Mule.	Hd.	720
40	John Harris	do	6	14	4.0	Dr.	Ho.	P. R.	Hand.	Hd.	650
41	W. R. Handkins	Marion	6	10	4.0	Dr.	Ho.	P. R.	Mule.	Hd.	480
42	Arthur Motsinger	Crab Orchard	6	.....	4.0	Dr.	Ho.	P. R.	Hand.	Hd.	425
	Total—42 mines										7,904,528
	WOODFORD COUNTY.										
1	Roanoke Coal Co.	Roanoke	3	480	2.6	Sh.	St.	L. W.	Mule.	Hd.	124,651
2	Minonk Coal Co.	Minonk	2	550	3.0	Sh.	St.	L. W.	Mule.	Hd.	60,432
	Total—2 mines										185,083

Table 53 summarizes the physical characteristics and shows the tons of coal taken from each seam worked.

TABLE 53—SUMMARY OF THE PHYSICAL CHARACTERISTICS OF THE MINES.

Geological number of seam.	Number of counties.	Number of mines.	Manner of working. Long wall.	Pillar and room.	Strip.	Character of opening. Shaft.	Slope.	Drift.	Tons.
1 and 2	1	2	.....	2	.....	2	.....	.....	365,060
1	6	29	.....	29	.....	17	11	1	550,773
2	16	174	15	157	2	54	20	100	3,939,270
3	3	5	1	3	1	3	1	1	130,142
5	18	225	.....	225	.....	112	31	82	12,986,274
6	24	277	.....	272	5	225	33	19	43,011,832
6 and 2	1	1	.....	1	.....	1	.....	.....	8,233
7	9	85	.....	81	4	34	21	30	2,649,280
9	1	1	.....	1	.....	1	.....	.....	25,549
16	1	4	.....	4	.....	4	.....	.....	6,117
Total	51	803	16	775	12	453	117	233	63,673,530

Fatal Accidents.

Table 54 shows the number of fatal accidents, number of employees to each death, the ratio of fatalities to 1,000 men employed and the number of tons mined to each death.

Table 54—Fatal casualties, by districts.

District.	Killed.				Employees.			Total tons of coal mined.	Number of employees to each death.	Ratio of deaths per 1,000 employees.	Number of tons of coal to each death.
	Under ground.	In shaft.	On the surface.	Total.	Under ground.	On the surface.	Total.				
First	2	.....	.....	2	3,520	380	3,900	1,708,023	1,950	.51	854,011
Second	6	1	.....	7	3,370	279	3,649	1,768,658	521	1.92	252,380
Third	3	.....	.....	3	4,736	439	5,175	3,064,668	1,725	.58	1,021,556
Fourth	6	.....	1	7	3,074	237	3,311	2,086,760	473	2.11	298,109
Fifth	15	.....	.....	15	5,649	467	6,116	5,418,397	408	2.45	361,226
Sixth	20	.....	1	21	7,038	523	7,561	5,355,216	360	2.78	255,010
Seventh	13	.....	.....	13	7,874	517	8,391	8,398,968	645	1.55	646,074
Eighth	17	.....	1	18	5,659	530	6,189	6,120,993	344	2.91	340,055
Ninth	5	1	.....	6	3,734	313	4,047	3,315,650	674	1.48	552,608
Tenth	8	.....	.....	8	4,889	441	5,330	4,860,831	666	1.50	607,604
Eleventh	38	1	3	42	12,208	1,460	13,668	13,668,857	325	3.07	325,449
Twelfth	20	1	2	23	7,675	907	8,582	7,906,509	373	2.68	346,109
Total	153	4	8	165	69,426	6,493	75,919	63,673,530	460	2.17	385,900

Table 55 is the record for 34 years.

Table 55—Total accidents for 34 years.

Year.	Number killed.	Total number of employees.	Total tons of coal mined.	Number of employees to each life lost.	Ratio per 1,000	Number of tons of coal produced to each life lost.
1883	134	23,939	12,123,456	180	5.6	90,474
1884	46	25,575	12,208,075	566	1.8	265,393
1885	39	25,946	11,834,459	652	1.5	303,448
1886	52	25,846	11,175,241	497	2.0	214,909
1887	41	26,804	12,423,066	654	1.5	303,002
1888	55	29,410	14,328,181	535	1.9	260,512
1889	42	30,076	14,017,298	716	1.4	333,745
1890	53	28,574	15,274,727	539	1.9	288,203
1891	60	32,951	15,660,638	549	1.8	261,012
1892	57	33,632	17,862,276	590	1.7	313,372
1893	69	35,390	19,919,564	513	1.9	289,124
1894	72	38,477	17,113,576	534	2.2	237,688
1895	75	38,630	17,735,864	515	2.3	236,478
1896	77	37,057	19,786,626	481	2.3	256,969
1897	69	33,788	20,072,758	490	2.0	290,910
1898	75	35,026	18,599,299	467	2.1	247,991
1899	84	36,991	23,434,445	440	2.3	278,982
1900	94	39,384	25,153,929	419	2.4	267,595
1901	99	44,143	26,635,319	446	2.2	269,044
1902	99	46,005	30,021,300	465	2.2	303,245
1903	156	49,814	34,955,400	319	3.1	224,073
1904	157	54,774	37,077,897	349	2.9	236,165
1905	199	59,230	37,183,374	298	3.4	186,851
1906	155	62,283	38,317,581	402	2.5	247,210
1907	165	66,714	47,798,621	404	2.5	289,689
1908	183	70,841	49,272,452	387	2.6	269,248
1909	213	72,733	49,163,710	346	2.9	230,816

TABLE 55—Concluded.

Year.	Number killed.	Total number of employees.	Total tons of coal mined.	Number of employees to each life lost.	Ratio per 1,000	Number of tons of coal produced to each life lost.
1910	406	74,634	48,717,853	184	5.4	119,997
1911	157	77,410	50,165,099	493	2.0	319,523
1912	180	79,411	57,514,240	441	2.3	319,524
1913	175	79,497	61,846,204	454	2.2	353,407
1914	159	80,035	60,715,795	503	1.99	381,860
1915	180	75,607	57,601,694	420	2.38	320,009
1916	165	75,919	63,673,530	460	2.17	385,900
Average, 34 years	119	48,428	30,865,106	407	2.45	259,627

Table 56 gives the average number of men killed, employees, tons mined, proportion and ratio for 9 years, 1883 to 1891, and for the succeeding 25 years.

TABLE 56—FATAL ACCIDENTS, AVERAGES AND PROPORTIONS FOR NINE YEARS, 1883–1891, AND FOR THE SUCCEEDING 25 YEARS, 1892–1916.

Number of years.	Average.			Proportion of—		Ratio per 1,000.
	Killed.	Employees.	Tons mined.	Employees to each life lost.	Tons to each life lost.	
9 years	58	27,623	13,227,245	476	208,899	2.1
10 years	58	28,224	13,610,748	488	235,073	2.1
11 years	59	28,876	14,187,004	490	240,829	2.0
12 years	60	29,189	14,430,885	486	240,515	2.1
13 years	61	29,402	14,685,114	481	240,134	2.1
14 years	62	29,663	15,049,508	465	241,621	2.1
15 years	63	29,938	15,384,391	479	245,235	2.1
16 years	64	30,256	15,585,323	476	245,438	2.1
17 years	65	30,652	16,047,036	474	248,000	2.1
18 years	66	31,137	16,552,974	469	249,568	2.1
19 years	68	31,822	17,083,624	468	251,035	2.1
20 years	70	32,531	17,730,508	467	254,748	2.1
21 years	74	33,354	18,550,741	453	251,657	2.2
22 years	78	34,328	19,392,884	443	250,231	2.3
23 years	83	35,410	20,166,384	428	243,607	2.3
24 years	86	36,530	20,922,767	425	243,288	2.4
25 years	89	37,737	21,997,733	424	247,277	2.3
26 years	93	39,665	23,077,519	428	249,279	2.3
27 years	97	40,890	24,043,674	421	247,778	2.4
28 years	108	42,095	24,924,894	389	230,557	2.6
29 years	110	43,313	25,795,350	395	235,019	2.5
30 years	112	44,516	26,852,546	397	239,541	2.5
31 years	114	45,645	27,981,374	400	245,173	2.5
32 years	115	46,719	29,004,324	404	251,052	2.47
33 years	117	47,595	29,870,911	405	254,253	2.47
34 years	119	48,428	30,865,106	407	259,627	2.45

Table 57 discloses the cause of the 165 fatalities.

TABLE 57—FATAL ACCIDENTS, BY CAUSES, WITH PERCENTAGES.

Cause.	Total.	Districts.												Percentage.
		1st.	2d.	3d.	4th.	5th.	6th.	7th.	8th.	9th.	10th.	11th.	12th.	
Caught in machinery	2	....	....	....	....	....	1	....	....	....	.....	1	.....	1.21
Electricity	4	....	....	....	....	1	....	1	....	....	.....	2	.....	2.42
Falling coal	25	....	....	....	....	3	3	4	5	1	1	6	2	15.15
Falling rock	25	....	3	2	2	7	2	....	....	1	1	7	.....	15.15
Falling slate	30	....	....	....	1	1	7	2	8	2	.....	1	8	18.18
Fell down shaft	4	....	1	....	....	....	....	....	....	1	.....	1	1	2.42
Gas explosion	12	....	....	....	....	1	2	....	....	....	.....	9	.....	7.27
Mining machine	1	....	....	....	....	....	....	....	....	....	.....	1	.....	.61
Motor	5	....	....	....	....	....	1	....	....	....	1	2	1	3.03
Pit cars	38	2	1	....	2	....	4	6	3	1	1	10	8	23.03
Powder explosion	3	....	....	1	....	....	....	....	....	....	2	.....	.....	1.82
Railway cars	6	....	....	....	1	....	....	....	1	....	.....	2	2	3.64
Shot explosion	10	....	2	....	1	2	1	....	1	....	2	.....	1	6.07
Total	165	2	7	3	7	15	21	13	18	6	8	42	.23	100.00

Table 58 gives the record of fatal accidents by seven leading causes for 29 years.

TABLE 58—FATAL ACCIDENTS FOR 29 YEARS, BY LEADING CAUSES.

Year.	Total.	Leading causes.									Other causes.	
		Blasts and explosions.	Cages.	Falling coal, rock and roof.	Falling down shaft.	Fire, black and white damp.	Pit cars.	Railway cars.	Total.	Percentage.	Total.	Percentage.
1888	55	9	2	33	4	.....	6	1	55	100.0	.....	.....
1889	42	3	4	26	2	.....	5	.....	40	95.2	2	4.8
1890	53	4	4	36	.....	5	3	1	53	100.0	.....	.....
1891	60	11	4	33	1	4	2	2	57	95.0	3	5.0
1892	57	4	4	28	8	3	6	1	54	94.7	3	5.3
1893	69	6	4	48	3	2	2	1	66	95.7	3	4.3
1894	72	8	8	43	5	.....	6	2	72	100.0	.....	.....
1895	75	12	4	38	4	5	5	1	69	92.0	6	8.0
1896	77	9	5	41	6	2	7	1	71	92.2	6	7.8
1897	69	11	.....	46	5	2	1	1	66	95.7	3	4.3
1898	75	11	2	43	4	7	2	1	70	93.3	5	6.7
1899	84	4	5	51	4	4	6	1	75	89.3	9	10.7
1900	94	17	4	51	1	1	11	2	87	92.6	7	7.4
1901	99	3	1	57	1	1	11	.....	74	74.7	25	23.3
1902	99	13	2	55	7	.....	15	2	94	95.0	5	5.0
1903	156	47	6	77	2	.....	18	.....	150	96.2	6	3.8
1904	157	44	4	65	8	.....	21	2	144	91.7	13	8.3
1905	199	82	6	80	4	3	10	1	186	93.5	13	6.5
1906	155	24	5	84	9	.....	18	4	144	92.9	11	7.1
1907	165	24	8	84	6	4	28	4	158	95.8	7	4.2
1908	183	36	1	91	3	.....	35	8	174	95.1	9	4.9
1909	213	69	4	84	5	4	24	8	198	93.0	15	7.0
1910	406	33	6	65	3	260	21	3	391	96.3	15	3.7
1911	157	10	2	80	5	.....	28	2	127	80.9	30	19.1
1912	180	2	3	98	6	9	34	2	154	85.6	26	14.4
1913	175	13	3	81	5	7	45	2	156	89.1	19	10.9
1914	159	11	.....	83	2	1	31	4	132	83.0	27	17.0
1915	180	74	.....	57	1	3	15	2	152	84.3	28	15.7
1916	165	13	.....	80	4	.....	38	6	141	85.5	24	14.5
Total 29 years	3,730	607	101	1,738	118	327	454	65	3,410	91.4	320	8.6

Table 59 shows the number of fatal accidents caused by powder, and other causes, for the year and for the preceding 15 years.

TABLE 59—FATAL ACCIDENTS FROM POWDER, GAS, FALLS, PIT CARS AND VARIOUS CAUSES FOR THE YEAR AND FOR THE 15 PRECEDING YEARS.

District and year.	Causes—use of powder.					Total from use of powder.	Other causes.				Totals.	
	Blast explosions.	Blasts, premoture.	Blown out charge.	Powder explosions.	Flying coal.		Gas explosions.	Falling coal, rock, etc.	Pit cars.	Various.	From other causes.	From all causes.
First	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	2	2
Second	2	.....	.....	.....	.....	2	.....	3	1	1	5	7
Third	.....	.....	.....	.....	.....	1	.....	2	.....	.....	2	3
Fourth	.....	.....	1	.....	.....	1	.....	3	2	1	6	7
Fifth	2	.....	.....	.....	.....	2	1	11	.....	1	13	15
Sixth	1	.....	.....	.....	.....	1	1	12	4	3	20	21
Seventh	.....	.....	.....	.....	.....	.....	.....	6	6	1	13	13
Eighth	.....	.....	1	.....	.....	1	.....	13	3	1	17	18
Ninth	.....	.....	.....	.....	.....	.....	.....	4	1	1	6	6
Tenth	2	.....	.....	2	.....	4	.....	2	1	1	4	8
Eleventh	.....	.....	.....	.....	.....	.....	9	14	10	9	42	42
Twelfth	1	.....	.....	.....	.....	1	.....	10	8	4	22	23
1916	8	.....	2	3	.....	13	11	80	38	23	152	165
1915	2	2	2	3	.....	9	65	57	15	34	171	180
1914	1	1	.....	3	1	6	5	83	31	34	153	159
1913	4	.....	1	3	1	9	3	81	45	37	166	175
1912	2	4	.....	3	3	12	3	98	34	33	168	180
1911	3	4	1	2	.....	10	8	80	28	31	147	157
1910	4	2	.....	7	4	17	16	65	21	287	389	406
1909	16	2	.....	10	1	29	40	84	24	36	184	213
1908	9	4	5	8	3	29	7	91	35	21	154	183
1907	1	1	11	10	1	24	4	84	28	25	141	165
1906	4	1	2	5	10	22	2	84	18	29	133	155
1905	8	2	7	8	9	34	48	80	10	27	165	199
1904	3	16	2	14	9	44	.....	65	21	27	113	157
1903	25	11	.....	3	2	41	8	79	18	10	115	156
1902	2	9	.....	3	3	17	.....	55	15	12	82	99
1901	1	8	.....	3	8	20	1	57	11	10	79	99
Sixteen years	93	67	33	88	55	336	221	1,223	392	676	2,512	2,848

Table 60 is the percentages of the numbers given in Table 59.

TABLE 60—PERCENTAGES OF FATAL CASUALTIES, FOR 16 YEARS, BY CAUSES.

Year.	Percentages—														
	Use of powder.						Other causes.				All causes.				
	Blast explosions.	Blast, premature.	Blown out charge.	Powder explosions.	Flying coal.	From powder, other named causes and all causes.	Gas explosions.	Falling coal, rock, etc.	Pit cars.	Various.	Blast, powder, etc.	Gas explosions.	Falling rock, coal, etc.	Pit cars.	Various.
1901	5.0	40.0	.....	15.0	40.0	100.00	1.3	72.1	13.9	12.7	20.2	1.0	57.6	11.1	10.1
1902	11.8	52.9	.....	17.6	17.7	100.00	.....	67.1	18.3	14.6	17.2	....	55.6	15.1	12.1
1903	61.0	26.8	.....	7.3	4.9	100.00	7.0	68.7	15.6	8.7	26.3	5.1	50.7	11.5	6.4
1904	6.8	36.4	4.5	31.8	20.5	100.00	.....	57.5	18.6	23.9	28.0	....	41.4	13.4	17.2
1905	23.5	5.9	20.6	23.5	26.5	100.00	29.1	48.5	6.0	16.4	17.1	24.1	49.2	5.0	13.6
1906	18.2	4.5	9.1	22.7	45.5	100.00	1.5	63.2	13.5	21.8	14.2	1.3	54.2	11.6	18.7
1907	4.2	4.2	45.8	41.6	4.2	100.00	2.8	59.6	19.9	17.7	15.6	2.4	50.9	17.0	15.1
1908	31.0	13.8	17.2	27.6	10.4	100.00	4.6	59.1	22.7	13.6	15.9	3.8	49.7	19.1	11.5
1909	55.2	6.9	.....	34.5	3.4	100.00	21.7	45.7	13.0	19.6	13.6	18.8	39.4	11.3	16.9
1910	23.5	11.8	.....	41.2	23.5	100.00	4.3	16.7	5.4	73.6	4.2	4.2	16.0	5.1	70.5
1911	30.0	40.0	10.0	20.0	.....	100.00	5.4	54.4	19.1	21.1	6.4	5.1	51.0	17.8	19.7

TABLE 60—Concluded.

Year.	Percentages—														
	Use of powder.					From powder, other named causes and all causes.	Other causes.				All causes.				
	Blast explosions.	Blast, premature.	Blown out charge.	Powder explosions.	Flying coal.		Gas explosions.	Falling coal, rocks, etc.	Pit cars.	Various.	Blast, powder, etc.	Gas explosions.	Falling rock, coal, etc.	Pit cars.	Various.
1912	16.7	33.3	.....	25.0	25.0	100.00	1.8	58.3	20.2	19.7	6.7	1.7	54.4	18.9	18.3
1913	44.5	11.1	11.1	33.3	11.1	100.00	1.8	48.8	27.1	22.3	5.1	1.7	46.3	25.7	21.2
1914	16.7	16.7	.....	50.0	16.6	100.00	3.3	54.2	20.3	22.2	3.8	3.1	52.2	19.5	21.4
1915	22.2	22.2	22.2	33.4	.....	100.00	38.9	31.7	9.0	20.4	5.1	37.0	30.1	8.5	19.3
1916	61.5	.....	15.4	23.1	.....	100.00	7.3	52.6	25.0	15.1	7.9	6.7	48.5	23.0	13.9
Sixteen years.	27.7	20.0	9.8	26.2	16.3	100.00	8.8	48.7	15.6	26.9	11.8	7.8	42.9	13.8	23.7

Table 61 shows the number killed and injured from the use of powder, falling coal, etc., and from other causes, with percentages.

TABLE 61—FATAL AND NONFATAL ACCIDENTS CAUSED PRIMARILY BY EXPLOSIONS OF POWDER, FALLING COAL, ROCK, ETC., AND ALL OTHER CAUSES, WITH PERCENTAGES.

Cause.	Casualties.		Percentages.		All casualties.	Percentage.
	Fatal.	Nonfatal.	Fatal.	Nonfatal.		
Blast explosions	10	7	76.92	17.07	17	31.48
Powder explosions	3	.....	23.08	.....	3	5.56
Flying coal	.....	34	.....	82.93	34	62.96
Total	13	41	100.00	100.00	54	100.00
Falling coal, rock, etc	80	501	52.63	39.64	581	41.03
All other causes	72	763	47.37	60.36	835	58.97
Total	152	1,264	100.00	100.00	1,416	100.00
Grand total	165	1,305	11.22	88.78	1,470	100.00

Table 62. In this table the number of persons employed, tons mined, number killed by falls, and other causes, with percentages for a series of 34 years, is given.

TABLE 62—FATAL ACCIDENTS IN COAL MINES, CAUSED BY FALLS IN MINES AND FROM ALL OTHER CAUSES, THE TOTAL NUMBER OF MEN AND TONS, WITH PERCENTAGES FOR 34 YEARS.

Year.	Persons employed.	Total tons.	Total deaths.	Causes.		Percentages by—	
				Falls.	Other causes.	Falls.	Other causes.
1883	23,939	12,123,456	134	40	94	29.9	70.1
1884	25,575	12,208,076	46	29	17	63.0	37.0
1885	25,946	11,834,459	39	20	19	51.3	48.7

TABLE 62—Concluded.

Year.	Persons employed.	Total tons.	Total deaths.	Causes.		Percentages by—	
				Falls.	Other causes.	Falls.	Other causes.
1886	25,846	11,175,241	52	32	20	61.5	38.5
1887	26,804	12,423,066	41	28	13	68.3	31.7
1888	29,410	14,328,181	55	33	22	60.0	40.0
1889	30,076	14,017,298	42	26	16	61.9	38.1
1890	28,574	15,274,727	53	36	17	67.9	32.1
1891	32,951	15,660,698	60	33	27	55.0	45.0
1892	33,632	17,862,276	57	28	29	49.1	50.9
1893	35,390	19,949,564	69	48	21	69.6	30.4
1894	38,477	17,113,576	72	43	29	59.7	40.3
1895	38,630	17,735,864	75	38	37	50.7	49.3
1896	37,032	19,786,626	77	41	36	53.2	46.8
1897	33,788	20,072,758	69	46	23	66.7	33.3
1898	35,026	18,599,299	75	43	32	57.3	42.7
1899	36,991	22,434,445	84	51	33	60.7	39.3
1900	39,384	25,153,929	94	51	43	54.3	45.7
1901	44,143	26,635,319	99	57	42	57.6	42.4
1902	46,005	30,021,300	99	55	44	55.6	44.4
1903	49,814	34,955,400	156	56	80	48.7	51.3
1904	54,774	37,077,897	157	65	92	41.4	58.6
1905	59,230	37,183,374	199	80	119	40.2	59.8
1906	62,283	38,317,581	155	84	71	54.2	45.8
1907	66,714	47,798,621	165	84	81	50.9	49.1
1908	70,841	49,272,452	183	91	92	49.7	50.3
1909	72,733	49,163,710	213	84	129	39.4	60.6
1910	74,634	48,717,853	406	65	341	16.0	84.0
1911	77,410	50,165,099	157	80	77	51.0	49.0
1912	79,411	57,514,240	180	98	82	54.4	45.5
1913	79,497	61,846,204	175	81	94	46.3	53.7
1914	80,035	60,715,795	159	83	76	54.2	45.8
1915	75,607	57,601,694	180	57	123	31.6	68.4
1916	75,919	63,673,530	165	80	85	48.5	51.5
Total 34 years	1,646,546	1,049,413,607	4,042	1,886	2,156	46.6	53.4

Table 63 gives the occupation and conjugal relation of the men killed.

TABLE 63—OCCUPATION AND CONJUGAL RELATION OF MEN KILLED.

Occupation.	Total killed.	Percentage.	Conjugal relation.					Average age.
			Married.	Single.	Widows.	Children.	Dependents.	
Asst. mine manager	1	.61	1	.....	1	1	2	30.0
Blacksmith	1	.61	1	.....	1	1	2	40.0
Cagers	2	1.21	1	1	1	5	6	35.5
Carpenter	1	.61	1	.....	1	2	3	24.0
Car trimmer	1	.61	1	.....	1	3	4	40.0
Drivers	21	12.73	11	10	11	22	36	26.6
Electricians	2	1.21	2	.....	2	2	4	28.5
Laborers	15	9.09	7	8	7	19	27	33.0
Loaders	3	1.82	1	2	1	.....	1	27.0
Machine helpers	5	3.03	3	2	3	6	9	35.4
Machine runners	6	3.63	4	2	4	4	8	29.0
Mine examiner	1	.61	1	.....	1	.....	1	45.0
Mine manager	1	.61	1	.....	1	2	3	38.0
Miners	88	53.33	50	38	50	133	145	39.0
Motormen	2	1.21	2	.....	2	2	4	24.0
Operators	2	1.21	2	.....	2	9	11	44.5
Shot firers	2	1.21	1	1	1	6	7	30.0
Timbermen	4	2.42	2	2	2	11	10	47.8
Trackman	1	.61	1	.....	1	2	3	29.0
Trappers	2	1.21	.....	2	.....	.....	.....	17.0
Trip riders	4	2.42	.....	4	.....	.....	.....	22.0
Total	165	100.00	93	72	93	230	286	35.3

Table 64 gives the number employed, the number killed and the number injured in each of the 10 leading occupations.

TABLE 64—OCCUPATIONAL CASUALTIES, FATAL AND NONFATAL, NUMBER OF EMPLOYEES IN EACH OCCUPATION, PERCENTAGES AND RATIO—SHIPPING MINES.

Classified occupations.	Total number of employees in each class.	Number of accidents in each class.		Per cent of each class.		Number employed in each class to one man.		Ratio per 1,000 employed in each class.	
		Fatal.	Non-fatal.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.
Cagers	649	2	24	.31	3.70	325	27	3.08	36.98
Drivers	3,581	19	176	.53	4.91	188	20	5.31	49.15
Laborers	4,530	15	112	.33	2.47	302	40	3.31	24.72
Loaders	23,017	3	182	.01	.79	7,672	126	.13	7.97
Machinemen	3,892	11	91	.28	2.34	354	43	2.83	23.38
Miners	24,974	82	515	.33	2.06	305	48	3.28	20.62
Shot firers	441	2	4	.45	.91	220	110	4.54	9.07
Timbermen	1,155	4	27	.35	2.34	289	43	3.46	23.38
Trackmen	1,836	1	27	.05	1.47	1,836	68	.54	14.71
Trappers	966	2	5	.21	.52	483	193	2.07	5.18
Total classified	65,041	141	1,163	.22	1.79	461	56	2.17	17.88
Not classified	7,957	15	133	.19	1.67	530	60	1.89	16.71
Total	72,998	156	1,296	.21	1.78	468	56	2.14	17.75
Local mines	2,921	9	9	.31	.31	325	325	3.08	3.08
The State	75,919	165	1,305	.22	1.72	460	58	2.17	17.19

Table 65 shows the range of ages and the average age of the men killed in each occupation.

TABLE 65—TOTAL NUMBER KILLED, RANGE OF AGES AND AVERAGE AGE, BY OCCUPATIONS.

Occupation.	Killed.	Range of ages—number.										Average age.
		Under 20.	20 but under 25.	25 but under 30.	30 but under 35.	35 but under 40.	40 but under 45.	45 but under 50.	50 but under 55.	55 but under 60.	60 and over.	
Asst. mine manager	1	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	30.0
Blacksmith	1	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	40.0
Cagers	2	.....	.....	1	.....	.....	1	.....	.....	.....	.....	35.5
Carpenter	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	24.0
Car trimmer	1	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	40.0
Drivers[1]	21	2	7	6	2	3	.....	1	.....	.....	.....	26.6
Electricians	2	.....	.....	2	.....	.....	.....	.....	.....	.....	.....	28.5
Laborers[2]	15	1	3	3	3	1	1	2	.....	.....	1	33.0
Loaders	3	.....	1	1	1	.....	.....	.....	.....	.....	.....	27.0
Machine helpers	5	.....	.....	1	1	2	.....	1	.....	.....	.....	35.4
Machine runners	6	.....	.....	4	1	1	.....	.....	.....	.....	.....	29.0
Mine examiner	1	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	45.0
Mine manager	1	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	38.0
Miners[3]	88	2	14	14	6	14	6	8	8	9	7	39.0
Motormen	2	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	24.0
Operators	2	.....	.....	.....	.....	.....	1	1	.....	.....	.....	44.5
Shot firers	2	.....	.....	1	1	.....	.....	.....	.....	.....	.....	30.0
Timbermen	4	.....	.....	1	.....	.....	.....	.....	1	2	.....	47.8

TABLE 65—Concluded.

Occupation.	Killed.	Range of ages—number.										
		Under 20.	20 but under 25.	25 but under 30.	30 but under 35.	35 but under 40.	40 but under 45.	45 but under 50.	50 but under 55.	55 but under 60.	60 and over.	Average age.
Trackman	1	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	29.0
Trappers[4]	2	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	17.0
Trip riders	4	.....	3	1	.....	.....	.....	.....	.....	.....	.....	22.0
1916	165	7	31	36	16	22	11	14	9	11	8	35.3
1915	180	7	28	30	35	24	21	15	9	4	4	34.4

[1] One, 18; one, 19.
[2] One, 19; one, 62.
[3] Two, 19; one, 62; one, 63; one, 64; one, 65; two, 66; one, 69.
[4] One, 16; one, 18.

Table 66 gives the number killed each month of the year.

TABLE 66—FATAL ACCIDENTS BY MONTHS.

District.	1915						1916						Total.
	July.	August.	September.	October.	November.	December.	January.	February.	March.	April.	May.	June.	
First	.....	.....	.....	.....	.....	1	.....	.....	.....	1	.....	.....	2
Second	.....	.....	3	.....	.....	1	1	.....	1	1	.....	.....	7
Third	.....	.....	1	.....	2	.....	.....	.....	.....	.....	.....	.....	3
Fourth	.....	.....	2	.....	1	2	.....	.....	1	.....	1	.....	7
Fifth	1	.....	.....	3	1	2	2	3	.....	1	.....	2	15
Sixth	.....	.....	2	3	3	1	3	6	3	.....	.....	.....	21
Seventh	1	1	2	.....	3	1	2	1	1	1	.....	.....	13
Eighth	2	1	.....	3	1	1	2	4	2	.....	2	.....	18
Ninth	.....	.....	1	1	.....	1	1	.....	1	1	.....	.....	6
Tenth	.....	.....	1	.....	.....	1	.....	.....	2	2	.....	2	8
Eleventh	11	2	4	4	3	2	5	5	2	.....	4	.....	42
Twelfth	.....	2	3	3	6	1	3	3	.....	1	.....	1	23
1916	15	6	19	17	20	14	19	22	13	8	7	5	165
1915	9	15	12	62	10	14	12	13	15	13	4	1	180

Table 67 shows the nationality of the men killed.

TABLE 67—FATAL ACCIDENTS, BY NATIONALITY.

Nationality.	Total killed.	Districts.											
		1st.	2d.	3d.	4th.	5th.	6th.	7th.	8th.	9th.	10th.	11th.	12th.
American	82	....	2	1	3	8	12	4	3	5	6	19	19
Australian	2	....	....	....	....	....	....	2	....	....	....	....	....
Austrian	8	....	1	....	....	....	....	....	3	....	....	4	....
Belgian	2	1	1	....	....	....	....	....	....	....	....	....	....
Bohemian	1	....	....	....	....	....	....	....	....	....	....	1	....
Croatian	1	....	....	....	1	....	....	....	....	....	....	....	....
English	5	1	....	....	....	....	....	....	1	1	....	1	1
French	2	....	....	....	....	....	....	....	....	....	....	2	....
German	12	....	....	....	....	1	3	....	7	....	....	1	....
Grecian	1	....	....	....	....	....	1	....	....	....	....	....	....
Hungarian	1	....	....	....	....	....	....	....	....	....	....	1	....
Irish	4	....	....	....	1	....	1	1	....	....	....	1	....
Italian	15	....	1	2	....	3	....	2	2	....	....	2	3
Lithuanian	10	....	....	....	....	....	2	1	1	....	....	6	....
Polish	5	....	....	....	....	1	....	1	....	....	1	2	....
Russian	1	....	....	....	....	....	1	....	....	....	....	....	....
Scotch	6	....	1	....	....	....	....	2	1	....	1	1	....
Slavonian	3	....	....	....	....	2	....	....	....	....	....	1	....
Swede	3	....	1	....	2	....	....	....	....	....	....	....	....
Welsh	1	....	....	....	....	....	1	....	....	....	....	....	....
Total	165	2	7	3	7	15	21	13	18	6	8	42	23

NONFATAL ACCIDENTS.

Table 68 gives the number of nonfatal accidents by districts and shows the number of tons mined and the ratio per 1,000 employed to each man injured.

TABLE 68—NONFATAL ACCIDENTS, BY DISTRICTS.

District.	Number injured.				Number employed.			Total tons of coal mined.	Number employed to one man injured.	Ratio per 1,000 employees.	Number of tons mined to one man injured.
	Under ground.	In shaft.	On surface.	Total.	Under ground.	On surface.	Total.				
First	78	.....	2	80	3,520	380	3,900	1,708,023	49	20.5	21,350
Second	85	13	1	99	3,370	279	3,649	1,768,658	37	27.1	17,865
Third	75	1	3	79	4,736	439	5,175	3,064,668	66	15.3	38,793
Fourth	16	.....	.....	16	3,074	237	3,311	2,086,760	207	4.8	130,423
Fifth	158	1	2	164	5,649	467	6,116	5,418,397	37	26.8	33,039
Sixth	45	1	.....	47	7,038	523	7,561	5,355,216	161	6.2	113,941
Seventh	297	2	4	207	7,874	517	8,391	8,398,968	41	24.7	40,575
Eighth	156	8	2	167	5,659	530	6,189	6,120,993	37	27.0	36,653
Ninth	42	.....	2	44	3,734	313	4,047	3,315,650	92	10.9	75,356
Tenth	35	.....	1	36	4,889	441	5,330	4,860,831	148	6.8	135,023
Eleventh	252	17	8	279	12,208	1,460	13,668	13,668,857	49	20.4	48,992
Twelfth	82	.....	5	87	7,675	907	8,582	7,906,509	99	10.1	90,880
The State*	1,221	43	30	1,305	69,426	6,493	75,919	63,673,530	58	17.2	48,792

* Eleven not stated where accident occurred.

Table 69 is the record of nonfatal injuries for 34 years.

TABLE 69—NONFATAL ACCIDENTS FOR 34 YEARS.

Year.	Number of men injured.	Total number of employees.	Total number of tons of coal mined.	Number of employees to one man injured.	Ratio per 1,000.	Number of tons of coal produced to one man injured.
1883	231	23,939	12,123,456	104	9.6	52,482
1884	197	25,575	12,208,075	130	7.7	61,970
1885	176	25,946	11,834,459	147	6.8	67,241
1886	171	25,846	11,175,241	151	6.6	66,126
1887	180	26,804	12,423,066	149	6.7	69,017
1888	179	29,410	14,328,181	164	6.1	80,046
1889	201	30,076	14,017,298	150	6.7	69,738
1890	294	28,574	15,274,727	97	10.3	51,955
1891	367	32,951	15,660,698	90	11.1	42,672
1892	370	33,632	17,862,276	91	11.0	48,276
1893	403	35,390	19,919,564	88	11.4	49,503
1894	521	38,477	17,113,576	74	13.5	32,848
1895	605	38,630	17,735,864	64	15.7	29,315
1896	672	37,032	19,786,626	55	18.1	29,444
1897	518	33,788	20,072,758	65	15.3	38,751
1898	438	35,026	18,599,299	80	12.5	42,464
1899	597	36,991	23,434,445	62	16.1	39,254
1900	611	39,384	25,153,939	65	15.5	41,168
1901	422	44,142	26,635,319	104	9.6	63,117
1902	406	46,005	30,021,300	127	8.8	73,944
1903	410	49,814	34,955,400	121	8.2	85,257
1904	507	54,774	37,077,897	108	9.3	73,132
1905	535	59,230	37,183,374	111	9.0	69,502
1906	480	62,283	38,317,581	130	7.7	79,828
1907	636	66,714	47,798,621	105	9.5	75,155
1908	819	70,841	49,272,452	86	11.6	60,162
1909	894	72,733	49,163,710	81	12.3	54,993
1910	742	74,634	48,717,853	101	9.9	65,657
1911	709	77,410	50,165,099	109	9.2	70,755
1912	800	79,411	57,514,240	99	10.1	71,893
1913	1,025	79,497	61,846,204	78	12.9	60,338
1914	1,071	80,035	60,715,795	75	13.4	56,691
1915	1,013	75,607	57,601,694	75	13.4	56,862
1916	1,305	75,919	63,673,530	58	17.2	48,792
Average 34 years	544	48,428	30,865,106	89	11.2	56,710

Table 70 shows the occupations in which the injured men were employed and gives the number injured in each occupation.

TABLE 70—NONFATAL ACCIDENTS, BY OCCUPATION, WITH PERCENTAGES.

Occupation.	Total.	Districts.												Percentages.
		1st.	2d.	3d.	4th.	5th.	6th.	7th.	8th.	9th.	10th.	11th.	12th.	
Agent and foremen	3	....	....	....	....	....	....	1	1	....	1	....	....	.23
Blacksmiths	3	....	....	....	....	....	....	1	....	....	....	1	1	.23
Cagers	24	1	2	2	....	1	2	3	2	1	....	8	2	1.84
Couplers	9	....	....	....	....	....	....	....	1	....	....	6	2	.69
Drivers	176	2	10	13	5	13	17	30	29	11	6	19	21	13.48
Electricians	3	....	....	....	....	....	....	2	....	1	....	....	....	.23
Engineers and firemen	4	....	....	2	....	....	....	....	....	....	1	1	....	.31
Laborers	113	4	9	4	....	15	4	17	16	6	5	29	4	8.66
Loaders	182	....	....	....	....	23	1	73	34	....	4	43	4	13.94
Machine helpers	24	....	....	....	1	4	....	6	5	....	....	8	....	1.84
Machine runners	67	....	....	....	2	5	....	14	15	6	3	20	2	5.13
Mine examiners	2	....	....	1	....	....	....	....	....	....	....	1	....	.15
Mine managers	2	....	....	1	....	1	....	....	....	....	....	....	....	.15
Miners	523	72	76	55	5	81	17	21	49	17	11	80	39	40.08
Motormen	16	....	....	....	....	....	....	6	3	....	....	7	....	1.23
Shot firers	4	....	....	....	....	....	1	....	....	....	....	2	1	.31
Spraggers	10	....	2	1	....	....	1	2	3	....	....	1	....	.77
Timbermen	27	....	....	....	1	5	2	8	2	....	1	4	4	2.07

TABLE 70—Concluded.

Occupation.	Total.	Districts.												Per-centages.
		1st.	2d.	3d.	4th.	5th.	6th.	7th.	8th.	9th.	10th.	11th.	12th.	
Trackmen	27	....	....	....	....	2	2	8	3	1	2	6	3	2.07
Trappers	5	1	....	....	....	....	....	....	....	....	1	2	1	.38
Trip riders	81	....	....	....	2	14	....	15	4	1	1	41	3	6.21
Total	1,305	80	99	79	16	164	47	207	167	44	36	279	87	100.00
Percentage	100.0	6.1	7.4	6.1	1.2	12.6	3.6	15.9	12.8	3.4	2.8	21.4	6.7	.....

Table 71. The conjugal relation and time lost by the injured men is shown in this table.

TABLE 71—CONJUGAL RELATION OF THE INJURED, DEPENDENTS AND TIME LOST, BY DISTRICTS.

District.	Total.	Conjugal relations.				Time lost by those returned to work—days.		Number not returned to work July 1, 1916.
		Married.	Single.	Children.	Dependents.	Total days.	Average days.	
First	80	61	19	181	234	4,517	66.43	12
Second	99	67	32	143	206	4,082	60.03	31
Third	79	53	26	155	200	4,043	57.76	9
Fourth	16	12	4	25	36	937	62.47	1
Fifth	164	120	44	281	345	9,850	64.38	11
Sixth	47	27	20	48	67	2,250	61.29	12
Seventh	207	128	79	310	445	10,598	53.80	10
Eighth	167	99	68	234	324	8,991	64.22	27
Ninth	44	27	17	73	91	2,140	53.50	4
Tenth	36	21	15	34	48	2,292	63.67	.....
Eleventh	279	154	125	285	441	15,247	70.59	63
Twelfth	87	55	32	96	149	4,609	59.86	10
The State, 1916	1,305	824	481	1,865	2,586	69,556	62.38	190
The State, 1915	1,013	649	364	1,452	1,970	53,508	60.60	130

Table 72 shows the causes of the accidents and the number injured by each cause.

TABLE 72—NONFATAL ACCIDENTS, BY CAUSES, WITH PERCENTAGES, BY DISTRICTS.

Cause.	Total.	Districts.												Per-centages.
		1st.	2d.	3d.	4th.	5th.	6th.	7th.	8th.	9th.	10th.	11th.	12th.	
Cage	43	....	13	1	....	1	1	2	8	....	.....	17	.....	3.29
Caught in machinery	6	2	1	....	....	.....	....	.....	1	....	.....	2	.....	.46
Electricity and steam	3	....	....	1	....	.....	....	.....	.....	....	.....	1	1	.23
Engine	1	....	....	....	....	.....	....	.....	.....	....	.....	1	.....	.08
Falling coal, rock, etc.	501	57	53	37	4	70	13	65	75	17	15	68	27	38.39
Falling timber	24	2	1	1	....	4	....	5	3	1	.....	7	.....	1.84
Fell down	34	2	....	2	1	3	....	5	4	2	.....	9	6	2.60
Flying coal	34	4	3	4	....	5	3	5	4	....	.....	5	1	2.60

TABLE 72—Concluded.

Cause.	Total.	Districts.												Percentages.
		1st.	2d.	3d.	4th.	5th.	6th.	7th.	8th.	9th.	10th.	11th.	12th.	
Gas explosion	26	1	....	....	....	9	1	2	3	....	.....	7	3	1.99
Gasoline ignited	2	....	....	....	....	.....	....	.....	2	....	.....	.....	.....	.15
Lifting weight	18	1	3	1	....	2	....	8	.....	....	.....	.....	3	1.38
Machine	48	....	....	....	2	2	....	9	5	2	.....	26	2	3.68
Motor	30	....	....	....	1	.....	....	4	3	2	.....	18	2	2.30
Mule	33	2	1	....	1	3	3	8	7	....	2	2	4	2.53
Objects, struck by	69	....	3	6	1	3	....	21	14	4	5	5	7	5.29
Pit cars	338	9	20	20	6	36	19	49	31	15	10	98	25	25.90
Railroad cars	4	....	1	....	....	.....	....	.....	1	1	.....	.....	1	.31
Shot explosion	7	....	....	....	....	.....	....	2	1	....	.....	4	.....	.54
Not stated	84	....	....	6	....	26	7	22	5	....	4	9	5	6.44
Total	1,305	80	99	79	16	164	47	207	167	44	36	279	87	100.00
Percentage	100.00	6.13	7.58	6.05	1.23	12.57	3.60	15.86	12.80	3.37	2.76	21.38	6.67	.....

Table 73 gives the number injured this year, and the preceding 15 years, from use of powder and other causes.

TABLE 73—NONFATAL ACCIDENTS, BY CAUSES, FOR 1916 AND FOR THE 15 PREVIOUS YEARS.

District and year.	Use of powder.					Total from use of powder.	Other causes.				Total.	
	Blast explosions.	Blasts, premature.	Blown out charge.	Powder explosions.	Flying coal.		Gas explosions.	Falling coal, rock, etc.	Pit cars.	Various.	From other causes.	From all causes.
First	.....	.....	.....	.....	4	4	1	57	9	9	76	80
Second	.....	.....	.....	.....	3	3	.....	53	20	23	96	99
Third	.....	.....	.....	.....	4	4	.....	37	20	18	75	79
Fourth	.....	.....	.....	.....	.....	.....	.....	4	6	6	16	16
Fifth	.....	.....	.....	.....	5	5	9	70	36	44	159	164
Sixth	.....	.....	.....	.....	3	3	1	13	19	11	44	47
Seventh	2	.....	.....	.....	5	7	2	65	49	84	200	207
Eighth	1	.....	.....	.....	4	5	3	75	31	53	162	167
Ninth	.....	.....	.....	.....	.....	.....	.....	17	15	12	44	44
Tenth	.....	.....	.....	.....	.....	.....	.....	15	10	11	36	36
Eleventh	4	.....	.....	.....	5	9	7	68	98	97	270	279
Twelfth	.....	.....	.....	.....	1	1	3	27	25	31	86	87
1916	7	.....	.....	.....	34	41	26	501	338	399	1,264	1,305
1915	.....	3	.....	10	14	27	10	450	209	317	986	1,013
1914	7	.....	.....	5	23	35	23	472	291	250	1,036	1,071
1913	11	.....	.....	6	13	30	33	442	300	220	995	1,025
1912	2	2	2	5	10	21	23	364	210	182	779	800
1911	1	3	3	6	6	19	11	327	211	141	690	709
1910	2	10	1	7	8	28	14	369	188	143	714	742
1909	14	3	.....	11	10	38	25	423	249	159	856	894
1908	8	3	.....	11	14	36	33	402	209	137	783	819
1907	8	4	7	16	15	50	9	327	171	79	586	636
1906	7	1	6	9	9	32	6	253	110	79	448	480
1905	13	3	6	15	13	50	3	269	129	84	485	535
1904	6	5	2	29	12	54	6	264	123	60	453	507
1903	13	3	12	7	12	47	5	164	128	66	363	410
1902	15	1	1	6	5	28	2	198	125	53	378	406
1901	.....	11	2	5	9	27	3	233	113	46	395	422
Sixteen years	114	52	42	148	207	563	234	5,458	3,104	2,415	11,211	11,774

Table 74 is the percentages of the number injured by leading causes each year for 16 years.

TABLE 74—PERCENTAGES OF NONFATAL ACCIDENTS FOR 16 YEARS—1901–1916—BY CAUSES.

Year.	Use of powder.						Other causes.				All causes.				
	Blast explosions.	Blasts, premature.	Blown out charge.	Powder explosions.	Flying coal.	From powder, other named causes and all causes.	Gas explosions.	Falling coal, rock, etc.	Pit cars.	Various.	Powder.	Gas explosions.	Falling coal, rock, etc.	Pit cars.	Various.
1901	.....	40.7	7.4	18.5	33.4	100.0	0.8	59.0	28.7	11.5	6.4	0.8	53.1	26.8	10.9
1902	53.6	3.6	3.6	21.4	17.8	100.0	0.6	52.4	33.0	14.0	6.9	0.5	48.8	30.7	13.1
1903	27.7	6.3	25.5	14.9	25.5	100.0	1.4	45.2	35.3	18.1	11.5	1.2	40.0	31.2	16.1
1904	11.1	9.3	3.1	53.7	22.2	100.0	1.3	58.3	27.2	13.2	10.6	1.2	25.1	24.3	11.8
1905	26.0	6.0	12.0	30.0	26.0	100.0	6.2	55.5	26.6	11.7	9.3	0.6	50.3	24.2	15.7
1906	21.9	3.1	18.8	28.1	28.1	100.0	1.3	56.5	24.6	17.6	6.7	1.2	52.7	22.4	17.0
1907	16.0	8.0	14.0	32.0	30.0	100.0	1.5	55.8	29.2	13.5	7.9	1.4	51.4	26.9	12.4
1908	22.2	8.3	.....	30.6	38.9	100.0	4.5	51.4	26.7	17.4	4.4	4.3	49.1	25.5	16.7
1909	36.8	7.9	.....	29.0	26.3	100.0	2.9	49.4	29.1	18.6	4.2	2.8	47.3	27.9	17.8
1910	7.1	35.7	3.6	25.0	28.6	100.0	2.0	51.7	26.3	20.0	3.8	1.9	49.7	25.3	19.3
1911	5.2	15.8	15.8	31.6	31.6	100.0	1.6	47.4	30.6	20.4	2.7	1.5	46.1	29.8	19.9
1912	9.5	9.5	9.5	23.8	47.7	100.0	2.9	46.7	27.0	23.4	2.6	2.9	45.5	26.3	22.7
1913	36.7	.....	.....	20.0	43.3	100.0	3.3	44.4	30.2	22.1	2.9	3.2	43.1	29.3	21.5
1914	20.0	.....	.....	14.3	65.7	100.0	2.2	45.6	28.1	24.1	3.3	2.1	44.1	27.2	23.3
1915	.....	11.1	.....	37.0	51.9	100.0	1.0	45.6	21.2	32.2	2.7	1.0	44.4	20.6	31.3
1916	17.1	.....	.....	.....	82.9	100.0	2.0	39.7	26.7	31.6	3.1	2.0	38.4	25.9	30.6
Sixteen years	20.3	9.1	7.5	26.3	36.8	100.0	2.1	48.7	27.7	21.5	4.8	2.0	46.3	26.4	20.5

Table 75. In this table is given the range of ages and the average age of the injured men in each occupation.

TABLE 75—TOTAL NUMBER INJURED, RANGE OF AGES AND AVERAGE AGE, BY OCCUPATIONS.

Occupation.	Total.	Range of ages—years.										Average age.
		Under 20.	20 but under 25.	25 but under 30.	30 but under 35.	35 but under 40.	40 but under 45.	45 but under 50.	50 but under 55.	55 but under 60.	60 and over.	
Agent and foremen	3	.....	.....	.....	.....	1	.....	.....	.....	.....	2	54.0
Blacksmiths	3	.....	.....	.....	.....	.....	2	1	.....	.....	.....	43.0
Cagers	24	2	6	6	4	2	2	.....	1	.....	.....	25.5
Couplers	9	1	4	2	.....	1	1	.....	.....	.....	.....	23.9
Drivers	176	20	53	50	27	13	7	2	.....	.....	.....	26.7
Electrician	3	.....	.....	2	.....	.....	.....	.....	1	.....	.....	36.7
Engineers and firemen	4	.....	1	1	.....	1	1	.....	.....	.....	.....	33.0
Laborers	113	6	27	18	14	7	16	12	3	.....	2	32.4
Loaders	182	2	7	32	27	31	32	20	16	6	7	38.4
Machine helpers	24	3	4	7	2	4	2	.....	.....	1	.....	33.7
Machine runners	67	.....	3	9	17	17	15	3	1	1	.....	35.7
Mine examiner	2	.....	.....	.....	.....	1	1	.....	.....	.....	.....	39.0
Mine managers	2	.....	.....	.....	.....	1	.....	.....	1	.....	.....	45.0
Miners	523	8	21	58	87	82	76	71	44	28	41	40.7
Motormen	16	.....	5	3	4	2	.....	1	.....	.....	.....	29.8
Shot firers	4	.....	.....	2	1	.....	.....	1	.....	.....	.....	32.2
Spraggers	10	4	1	2	2	.....	1	.....	.....	.....	.....	24.4
Timbermen	27	.....	3	.....	6	5	1	5	4	.....	1	39.0
Trackmen	27	.....	4	3	2	6	3	4	3	1	1	38.5
Trappers	5	3	.....	1	.....	.....	.....	.....	.....	.....	1	29.2
Trip riders	81	14	33	26	7	.....	1	.....	.....	.....	.....	24.4
The State	1,305	63	172	222	200	174	161	120	74	37	55	35.6

NOTE—Twenty-seven did not report age.

Table 76 shows the number of men injured by falling roof and sides and from all other causes for 34 years.

TABLE 76—NONFATAL ACCIDENTS FROM FALLING ROOF AND SIDES, AND OTHER CAUSES, WITH PERCENTAGES CAUSED BY FALLING ROOF—34 YEARS.

Year.	Nonfatal accidents.			Percentages—	
	Total.	Falling roof and sides.	All other causes.	Caused by falling roof or sides.	All other causes.
1883	231	130	101	56.28	43.72
1884	197	135	62	68.53	31.47
1885	176	118	58	67.00	33.00
1886	171	109	62	63.74	36.36
1887	180	124	56	68.88	31.12
1888	179	112	67	62.58	37.42
1889	201	129	72	64.17	35.83
1890	294	196	98	66.66	33.34
1891	367	227	140	61.85	38.15
1892	370	234	136	63.25	36.70
1893	403	254	149	63.03	36.97
1894	521	294	227	56.43	43.57
1895	605	338	267	55.87	44.13
1896	672	373	299	55.51	44.49
1897	518	310	208	59.85	40.15
1898	438	252	186	60.87	39.13
1899	597	335	262	56.12	43.88
1900	611	323	288	52.86	47.94
1901	422	233	189	55.21	44.79
1902	406	198	208	48.77	51.23
1903	410	190	220	46.34	53.66
1904	507	264	243	52.07	47.93
1905	535	271	264	50.66	49.34
1906	480	253	227	52.71	47.29
1907	636	327	309	51.42	48.58
1908	819	402	417	49.08	50.92
1909	894	423	471	47.30	52.70
1910	742	369	373	49.70	50.30
1911	709	327	382	46.10	53.90
1912	800	364	436	45.50	54.50
1913	1,025	442	583	48.10	51.90
1914	1,071	472	599	44.10	55.90
1915	1,013	450	563	44.42	55.58
1916	1,305	501	804	38.39	61.61
Total 34 years	18,505	9,479	9,026	51.22	42.78

Table 77 gives the number killed and injured by falling roof and sides for 34 years.

TABLE 77—TOTAL NUMBER KILLED AND INJURED, WITH PERCENTAGES OF ALL ACCIDENTS CAUSED BY FALLING ROOF OR SIDES FOR 34 YEARS.

Year.	Number from all causes.			Percent by falling roof and sides.		
	Killed.	Injured.	Total.	Killed.	Injured.	Total.
1883	134	231	365	30.0	56.28	47.7
1884	46	197	243	56.5	68.53	66.25
1885	39	176	215	51.3	67.0	64.18
1886	52	171	223	61.5	63.74	63.23

TABLE 77—Concluded.

Year.	Number from all causes.			Per cent by falling roof and sides.		
	Killed.	Injured.	Total.	Killed.	Injured.	Total.
1887	41	180	221	68.3	68.88	68.77
1888	55	179	234	60.0	62.58	61.97
1889	42	201	243	61.9	64.17	63.78
1890	53	294	347	67.9	66.66	66.86
1891	60	367	427	55.0	61.85	60.88
1892	57	370	427	49.1	63.25	61.36
1893	69	403	472	69.6	63.03	63.98
1894	72	521	593	58.3	56.43	56.82
1895	75	605	680	50.7	55.87	55.59
1896	77	672	749	53.3	55.51	55.27
1897	69	518	587	66.7	59.85	60.65
1898	75	438	513	57.33	60.87	60.34
1899	84	597	681	60.71	56.12	56.68
1900	94	611	705	54.3	52.86	52.1
1901	99	422	521	56.43	55.21	55.45
1902	99	406	505	55.55	48.77	50.1
1903	156	410	566	50.64	46.24	47.53
1904	157	507	664	49.68	52.07	51.51
1905	199	535	734	40.20	50.64	47.82
1906	155	480	635	54.2	52.7	53.07
1907	165	636	801	50.91	51.42	51.31
1908	183	819	1,002	49.7	49.08	49.6
1909	213	894	1,107	39.4	47.3	45.8
1910	406	742	1,148	16.01	49.73	37.8
1911	157	709	866	51.0	46.1	47.0
1912	180	800	980	54.4	45.5	47.1
1913	175	1,025	1,200	48.8	44.4	43.6
1914	159	1,071	1,230	52.2	44.1	45.1
1915	180	1,013	1,193	32.22	44.42	42.5
1916	165	1,305	1,470	48.49	38.39	39.52
Total 34 years	4,042	18,505	22,547	46.66	51.22	50.41

Table 78 shows the per cent of increase or decrease, from year to year, for 34 years, of the men employed, tons produced, and fatal and nonfatal accidents.

TABLE 78—PERCENTAGES OF INCREASE AND DECREASE FROM YEAR TO YEAR OF MEN EMPLOYED, TONS PRODUCED, MEN KILLED AND MEN INJURED FOR A SERIES OF 34 YEARS.

Year.	Men employed.		Tons produced.		Killed.		Injured.	
	Increase.	Decrease.	Increase.	Decrease.	Increase.	Decrease.	Increase.	Decrease.
1883-84	6.83		.7			65.67		14.7
1885	1.45			3.06		15.22		10.66
1886		.38		5.57	33.33			2.84
1887	3.71		11.17			21.15	5.26	
1888	9.72		15.34		26.83			.56
1889	2.26			2.17		23.64	12.29	
1890		5.00	8.97		26.19		46.27	
1891	15.31		3.53		13.2		24.83	
1892	2.07		14.06			5.00	.82	
1893	5.23		11.69		21.05		8.92	
1894	8.72			14.22	4.35		29.28	
1895	.40		3.64		4.17		16.12	
1896		4.7	11.56		2.67		11.7	
1897		8.82	1.45			10.39		22.92
1898	3.66			7.34	8.7			15.44
1899	5.61		26.00		12.00		36.30	
1900	6.47		7.34		11.90		2.35	
1901	12.08		5.89		5.32			30.93
1902	4.21		12.71					3.8

TABLE 78—Concluded.

Year.	Men employed.		Tons produced.		Killed.		Injured.	
	Increase.	Decrease.	Increase.	Decrease.	Increase.	Decrease.	Increase.	Decrease.
1903	8.28	.....	16.44	.....	57.58	.....	.99	.....
1904	9.96	.....	6.07	.....	.64	.....	23.66	.....
1905	8.14	.....	.28	.....	26.75	.....	5.52	.....
1906	5.15	.....	3.05	.....	.....	22.11	.....	10.28
1907	7.11	.....	24.74	.....	6.45	.....	32.50	.....
1908	6.19	.....	3.08	.....	10.91	.....	28.77	.....
1909	2.67	.....	.....	.22	16.39	.....	9.16	.....
1910	2.61	.....	.....	.91	90.61	.....	.....	17.0
1911	3.72	.....	2.97	.....	.....	61.33	.....	4.45
1912	2.58	.....	14.6	.....	14.6	.....	12.8	.....
1913	.18	.....	7.53	.....	.....	2.78	28.12	.....
1914	.68	.....	.....	1.83	.....	9.14	4.49	.....
1915	.....	5.53	.....	5.13	13.21	.....	.....	5.42
1916	.41	.....	10.54	.....	.....	8.33	28.83	.....

Table 79 is a recapitulation of the nonfatal accidents, showing nature of injuries, conjugal relation and time lost.

TABLE 79—RECAPITULATION OF NONFATAL CASUALTIES, NATURE OF INJURIES, CONJUGAL RELATIONS AND TIME LOST.

Nature of injuries.	Number.	Married.	Single.	Children.	Dependents.	Time lost—days.		Percentage of injuries.
						Total.	Average.	
Ankles broken	25	15	10	36	43	1,524	80.21	1.92
Ankles injured	28	21	7	43	67	1,637	60.63	2.15
Arms broken	41	22	19	49	64	2,433	69.51	3.14
Arms cut off	4	2	2	5	7	327	109.00	.31
Arms injured	33	14	19	44	57	1,427	46.03	2.53
Backs broken	3	3	.....	8	11	.....	.....	.23
Backs injured	67	54	13	150	192	3,186	54.93	5.13
Bodies burned	24	14	10	26	41	1,565	68.04	1.84
Bodies injured	200	112	88	248	368	11,018	66.37	15.33
Collar bones broken	26	19	7	37	52	1,104	52.57	1.99
Eyes destroyed	8	3	5	4	8	449	64.14	.61
Eyes injured	37	28	9	78	104	1,733	50.97	2.84
Feet broken	33	21	12	39	59	1,698	65.31	2.63
Feet cut off	3	2	1	1	7	349	116.33	.23
Feet injured	111	74	37	165	225	5,444	56.71	8.41
Finger broken	42	22	20	61	82	2,528	64.82	3.22
Fingers cut off	26	18	8	44	53	1,363	64.90	1.99
Fingers injured	87	52	35	149	195	3,675	45.94	6.67
Hands broken	17	9	8	20	29	1,006	71.86	1.30
Hands cut off	3	1	2	.....	1	314	104.67	.23
Hands injured	53	28	25	63	89	2,056	47.81	4.06
Heads injured	68	51	17	128	158	3,720	64.14	5.28
Legs broken	111	75	36	139	207	7,658	94.54	8.41
Legs cut off	2	1	1	2	3	.....	.....	.15
Legs injured	122	73	49	153	214	7,104	63.43	9.35
Pelvis broken	4	3	1	5	10	317	79.25	.31
Ribs broken	46	36	10	61	90	2,310	53.00	3.53
Shoulders broken	8	7	1	14	20	507	63.38	.61
Shoulders injured	22	16	6	38	54	917	45.85	1.69
Toes broken	18	10	8	19	29	672	48.00	1.38
Toes cut off	5	3	2	4	7	267	89.00	.38
Toes injured	16	8	8	17	20	736	49.07	1.23
Wrists broken	3	2	1	5	7	177	88.50	.23
Wrists injured	9	5	4	10	13	362	51.71	.69
Total	1,305	824	481	1,865	2,586	69,583	62.46	100.00

NOTE—One hundred and ninety did not return to work and the time lost is not given.

Coal Production in Illinois.

Table 80. The total estimated production of coal in Illinois from the best sources obtainable, is as shown in this table.

Table 80—Coal production of illinois—1833–1916.

Year.	Quantity in tons.	Year.	Quantity in tons.
1833	6,000	1861	670,000
1834	7,500	1862	780,000
1835	8,000	1863	890,000
1836	10,000	1864	1,000,000
1837	12,500	1865	1,260,000
1838	14,000	1866	1,580,000
1839	15,038	1867	1,800,000
1840	61,967	1868	2,000,000
1841	35,000	1869	1,854,000
1842	58,000	1870	2,624,163
1843	75,000	1871	3,000,000
1844	120,000	1872	3,360,000
1845	165,000	1873	3,920,000
1846	165,000	1874	4,203,000
1847	180,000	1875	4,453,178
1848	200,000	1876	5,000,000
1849	260,000	1877	5,350,000
1850	300,000	1878	5,700,000
1851	320,000	1879	5,000,000
1852	340,000	1880	6,115,377
1853	375,000	1881	6,720,000
1854	385,000		
1855	400,000	Total 49 years	73,123,123
1856	410,000	Reported to Bureau of Labor, 1882-1910	708,914,114
1857	450,000	Reported to State Mining Board	351,516,562
1858	490,000		
1859	530,000		
1860	728,000	Total output of the State	1,133,553,799

General Summary.

Tables 81, 82, 83 and 84 summarizes the items shown in this report.

Table 81—Summary by district, number of mines and production by grades—all mines.

District and mines.	Number of mines.	Total tons of coal produced.	Graded products—tons of—					
			Mine run.	Lump.	Egg.	Nut.	Pea.	Slack.
First	59	1,708,023	576,693	630,590	181,270	28,805	246,233	44,432
Shipping	17	1,406,693	314,815	608,406	181,270	28,805	228,965	44,432
Local	13	301,330	261,878	22,184	.....	.....	17,268	.....
Second	80	1,768,658	134,350	1,151,579	139,727	13,794	302,401	26,807
Shipping	8	1,630,158	75,230	1,082,409	139,727	13,794	292,211	26,787
Local	72	138,500	59,120	69,170	.....	.....	10,190	20
Third	93	3,064,668	912,541	1,418,575	158,715	108,751	423,846	42,240
Shipping	22	2,862,527	824,516	1,322,457	158,715	108,751	405,848	42,240
Local	71	202,141	88,025	96,118	.....	.....	17,998	.....
Fourth	208	2,086,760	425,513	540,426	558,849	29,125	505,704	27.143
Shipping	18	1,901,309	277,209	504,376	558,849	29,125	505,557	26,193
Local	190	185,451	148,304	36,050	.....	.....	147	950
Fifth	53	5,418,397	1,538,657	1,754,903	395,037	306,542	1,350,703	72,555
Shipping	22	5,277,161	1,417,577	1,739,098	395,037	306,542	1,346,352	72,555
Local	31	141,236	121,080	15,805	.....	.....	4,351	.....
Sixth	31	5,355,216	953,720	1,683,877	1,240,238	91,797	1,281,183	104,401
Shipping	26	5,269,550	942,262	1,649,213	1,210,574	91,797	1,271,303	104,401
Local	5	85,666	11,458	34,664	29,664	.....	9,880	.....
Seventh	28	8,398,968	593,143	4,483,454	1,051,542	202,930	1,673,863	394,036
Shipping	17	8,375,690	582,863	4,472,066	1,051,542	202,930	1,672,253	394,036
Local	11	23,278	10,280	11,388	.....	.....	1,610	.....
Eighth	31	6,120,993	1,062,479	2,419,996	640,826	186,246	1,558,511	252,935
Shipping	19	6,070,240	1,037,986	2,400,261	640,826	186,246	1,551,986	252,935
Local	12	50,753	24,493	19,735	.....	.....	6,525	.....
Ninth	54	3,315,650	811,574	1,362,738	159,128	103,809	826,589	51,812
Shipping	37	3,181,775	707,400	1,337,804	159,128	103,809	821,822	51,812
Local	17	133,875	104,174	24,934	.....	.....	4,767	.....
Tenth	60	4,860,831	1,187,645	1,635,423	479,197	243,428	1,240,556	74,582
Shipping	29	4,802,301	1,170,480	1,603,938	479,197	242,828	1,231,276	74,582
Local	31	58,530	17,165	31,485	.....	600	9,280	.....
Eleventh	70	13,668,857	864,661	3,209,862	2,715,562	1,582,076	4,828,371	468,325
Shipping	39	13,625,573	855,401	3,182,362	2,715,562	1,581,941	4,821,982	468,325
Local	31	43,284	9,260	27,500	.....	135	6,389	.....
Twelfth	45	7,906,509	1,965,628	1,476,583	1,054,986	1,381,742	1,731,675	295,895
Shipping	30	7,880,259	1,952,713	1,469,923	1,054,986	1,381,742	1,725,000	295,895
Local	15	26,250	12,915	6,660	.....	.....	6,675	.....
The State	803	63,673,530	11,026,604	21,768,006	8,775,077	4,279,045	15,969,635	1,855,163
Shipping	284	62,283,236	10,158,452	21,372,313	8,745,413	4,278,310	15,874,555	1,854,193
Local	519	1,390,294	868,152	395,693	29,664	735	95,080	970

TABLE 82—SUMMARY BY DISTRICT, TOTAL TONS, DISPOSITION OF THE OUTPUT, COAL WASHERS AND THE NUMBER OF TONS WASHED DURING THE YEAR.

District and mines.	Total tons produced.	Disposition of output—tons.					Coal washers or other special preparing plant.		
		Shipped from mine.	Supplied to locomotives.	Sold to railroad companies and loaded on cars.	Sold to local trade.	Consumed and wasted at the mines.	Number in use.	Average daily capacity—tons.	Tons prepared during the year.
First	1,708,023	873,575	41,505	283,669	215,752	293,522	1	1,200	103,537
Shipping.	1,406,693	873,575	41,505	283,669	130,978	76,966	1	1,200	103,537
Local	301,330	.....	.....	.....	84,774	216,556	.....	.....	.....
Second	1,768,658	245,189	33,760	1,252,288	156,334	81,087	1	4,000	183,973
Shipping.	1,630,158	245,189	33,760	1,252,288	28,399	70,522	1	4,000	183,973
Local	138,500	.....	.....	.....	127,935	10,565	.....	.....	.....
Third	3,064,668	1,531,677	77,150	1,088,320	283,020	84,501	1	400	176,401
Shipping.	2,862,527	1,531,677	75,708	1,088,320	87,075	79,747	1	400	176,401
Local	202,141	.....	1,442	.....	195,945	4,754	.....	.....	.....
Fourth	2,086,760	1,264,056	30,608	538,230	194,591	59,275	.....	.....	.....
Shipping.	1,901,309	1,264,056	30,608	538,230	11,790	56,625	.....	.....	.....
Local	185,451	.....	.....	.....	182,801	2,650	.....	.....	.....
Fifth	5,418,397	3,982,517	38,656	886,660	385,613	124,951	1	800	165,250
Shipping.	5,277,161	3,982,517	38,656	886,660	245,057	124,271	1	800	165,250
Local	141,236	.....	.....	.....	140,556	680	.....	.....	.....
Sixth	5,355,216	3,894,104	107,762	914,272	297,321	141,757	1	1,000	65,539
Shipping.	5,269,550	3,894,104	107,762	914,272	217,967	135,445	1	1,000	65,539
Local	85,666	.....	.....	.....	79,354	6,312	.....	.....	.....
Seventh	8,398,968	4,243,476	13,741	3,792,441	78,532	270,778	5	2,580	716,356
Shipping.	8,375,690	4,243,476	13,741	3,792,441	55,254	270,778	5	2,580	716,356
Local	23,278	.....	.....	.....	23,278	.....	.....	.....	.....
Eighth	6,120,993	5,293,924	70,073	495,939	113,534	147,523	2	1,000	262,376
Shipping.	6,070,240	5,293,924	70,073	495,939	65,245	145,059	2	1,000	262,376
Local	50,753	.....	.....	.....	48,289	2,464	.....	.....	.....
Ninth	3,315,650	2,797,399	115,995	106,500	170,132	125,624	3	866	167,978
Shipping.	3,181,775	2,797,399	60,124	106,500	98,070	119,682	3	866	167,978
Local	133,875	.....	55,871	.....	72,062	5,942	.....	.....	.....
Tenth	4,860,831	3,145,533	131,317	1,309,603	157,202	117,176	1	500	84,793
Shipping.	4,802,301	3,145,533	131,317	1,309,603	101,250	114,598	1	500	84,793
Local	58,530	.....	.....	.....	55,952	2,578	.....	.....	.....
Eleventh	13,668,857	11,851,764	14,178	1,299,135	133,635	370,145	9	2,388	3,433,788
Shipping.	13,625,573	11,851,764	14,178	1,299,135	91,036	369,460	9	2,388	3,433,788
Local	43,284	.....	.....	.....	42,599	685	.....	.....	.....
Twelfth	7,906,509	5,031,205	1,475	2,480,440	58,360	335,029	10	1,045	1,249,163
Shipping.	7,880,259	5,031,205	1,475	2,480,440	33,425	333,714	10	1,045	1,249,163
Local	26,250	.....	.....	.....	24,935	1,315	.....	.....	.....
The State	63,673,530	44,154,419	676,220	14,447,497	2,244,026	2,151,368	35	1,639	6,609,154
Shipping.	62,283,236	44,154,419	618,907	14,447,497	1,165,546	1,896,867	35	1,639	6,609,154
Local	1,390,294	.....	57,313	.....	1,078,480	254,501	.....	.....	.....

TABLE 83—SUMMARY BY DISTRICT, TONS MINED BY HAND AND MACHINE, PRICE FOR MINING, NUMBER OF MACHINES, POWDER AND PERMISSIBLE EXPLOSIVES.

District and mines.	Tons mined by—		Average price paid per ton for—		Number of machines is use.	Powder used for—		Permissible explosives used, blasting coal—pounds.
	Hand.	Machine.	Hand mining.	Machine mining.		Blasting coal—kegs.	Other purposes—kegs.	
First	1,673,711	34,312	$0.907	$0.86	2	9,205	65	10
Shipping	1,398,200	8,493	$0.946	$0.86	1	7,502	65	10
Local	275,511	25,819	.694	*	1	1,703	.....	.....
Second	1,734,988	33,670	$0.875	$0.83	3	15,229	28	9,553
Shipping	1,607,938	22,220	$0.865	$0.83	2	11,190	28	9,553
Local	127,050	11,450	1.022	*	1	4,039	.....	.....
Third	2,738,820	325,848	$0.80	$0.599	33	95,704	122	2,033
Shipping	2,536,679	325,848	$0.805	$0.599	33	85,467	122	2,033
Local	202,141	.....	.738	.....	.....	10,237	.....	.....
Fourth	1,630,349	456,411	$0.69	$0.614	31	97,931	187	.....
Shipping	1,453,398	447,911	$0.68	$0.614	30	90,741	187	.....
Local	176,951	8,500	.948	*	1	7,190	.....	.....
Fifth	2,701,658	2,716,739	$0.615	$0.532	115	107,891	450	7,950
Shipping	2,560,422	2,716,739	$0.613	$0.532	115	103,594	450	7,950
Local	141,236	.....	.651	.....	.....	4,297	.....	.....
Sixth	4,613,373	741,843	$0.62	$0.54	29	234,901	51	.....
Shipping	4,527,707	741,843	$0.62	$0.54	29	230,989	51	.....
Local	85,666	.....	.617	.....	.....	3,912	.....	.....
Seventh	948,423	7,450,545	$0.617	$0.56	292	75,131	146	112,505
Shipping	932,133	7,443,557	$0.61	$0.56	291	74,722	146	112,505
Local	16,290	6,988	1.015	.57	1	409	.....	.....
Eighth	739,470	5,381,523	$0.583	$0.54	194	76,964	25	.....
Shipping	693,780	5,376,460	$0.577	$0.54	193	75,470	25	.....
Local	45,690	5,063	.665	.54	1	1,494	.....	.....
Ninth	1,093,508	2,222,142	$0.61	$0.54	153	58,047	105	45
Shipping	959,633	2,222,142	$0.612	$0.54	153	53,066	105	45
Local	133,875	.....	.61	.....	.....	4,981	.....	.....
Tenth	1,801,955	3,058,876	$0.579	$0.507	122	101,620	37	25
Shipping	1,743,425	3,058,876	$0.579	$0.507	122	99,051	12	25
Local	58,530	.....	.61	.....	.....	2,569	25	.....
Eleventh	536,578	13,132,279	$0.591	$0.50	583	61,343	101	1,389,065
Shipping	493,294	13,132,279	$0.57	$0.50	583	59,317	101	1,389,065
Local	43,284	.....	.687	.....	.....	2,026	.....	.....
Twelfth	4,090,501	3,816,008	$0.57	$0.50	265	216,503	7	15,540
Shipping	4,064,251	3,816,008	$0.57	$0.50	265	214,927	7	15,540
Local	26,250	.....	.309	.....	.....	1,576	.....	.....
The State	24,303,334	39,370,196	$0.674	$0.524	1,822	1,150,504	1,324	1,536,726
Shipping	22,970,860	39,312,376	$0.67	$0.524	1,817	1,106,071	1,299	1,536,726
Local	1,332,475	57,820	0.749	0.557	5	44,433	25	.....

* By day.

TABLE 84—SUMMARY BY DISTRICT, EMPLOYEES, DAYS IN OPERATION, CASUALTIES, ANIMALS UNDERGROUND AND NUMBER OF MINES LIGHTED BY ELECTRICITY.

District and mines.	Total number employed.	Employees.				Average days in operation.	Casualties.		Animals under ground.	Number of mines lighted by electricity.
		Miners.	Others under ground.	Boys under ground.	All above ground.		Fatal.	Nonfatal.		
First	3,900	2,783	672	65	380	169	2	80	334	8
Shipping	3,382	2,393	610	63	316	193	.....	73	334	8
Local	518	390	62	2	64	156	2	7	.....	.....
Second	3,649	2,623	630	117	279	167	7	99	441	8
Shipping	3,234	2,308	616	96	214	209	5	99	441	8
Local	415	315	14	21	65	164	2	.....	.....	.....
Third	5,175	3,581	1,049	106	439	172	3	79	383	13
Shipping	4,777	3,263	1,038	103	373	215	3	79	383	13
Local	398	318	11	3	66	159	.....	.....	.....	.....
Fourth	3,311	2,026	1,017	31	237	145	7	16	250	17
Shipping	2,760	1,517	1,012	27	204	189	5	16	250	17
Local	551	509	5	4	33	142	2	.....	.....	.....
Fifth	6,116	2,347	3,232	70	467	177	15	164	300	18
Shipping	5,883	2,162	3,213	70	438	177	14	162	300	18
Local	233	185	19	.....	29	149	1	2	.....	.....
Sixth	7,561	4,856	2,039	143	523	179	21	47	484	21
Shipping	7,429	4,762	2,018	143	506	174	21	47	484	21
Local	132	94	21	.....	17	184	.....	.....	.....	.....
Seventh	8,391	1,091	6,632	151	517	188	13	207	311	17
Shipping	8,327	1,042	6,632	147	506	190	13	207	311	17
Local	64	49	.....	4	11	186	.....	.....	.....	.....
Eighth	6,189	882	4,643	134	530	187	18	167	276	13
Shipping	6,099	813	4,638	132	516	189	17	167	276	13
Local	90	69	5	2	14	185	1	.....	.....	.....
Ninth	4,047	1,383	2,203	58	313	161	6	44	244	13
Shipping	3,844	1,228	2,283	48	285	142	6	44	244	13
Local	203	155	10	10	28	204	.....	.....	.....	.....
Tenth	5,330	2,066	2,692	131	441	160	8	36	301	15
Shipping	5,192	1,981	2,671	130	410	176	8	36	301	15
Local	138	85	21	1	31	146	.....	.....	.....	.....
Eleventh	13,668	493	11,503	212	1,460	149	42	279	413	35
Shipping	13,569	412	11,503	209	1,445	184	42	279	413	35
Local	99	81	.....	3	15	107	.....	.....	.....	.....
Twelfth	8,582	3,141	4,345	189	907	177	23	87	476	24
Shipping	5,502	3,093	4,343	179	887	189	22	87	476	24
Local	80	48	2	10	20	154	1	.....	.....	.....
The State	75,919	27,272	40,747	1,407	6,493	163	165	1,305	4,213	202
Shipping	72,998	24,974	40,577	1,347	6,100	185	156	1,296	4,213	202
Local	2,921	2,298	170	60	393	151	9	9	.....	.....

ANNUAL REPORT OF THE STATE INSPECTORS OF MINES.

FIRST INSPECTION DISTRICT—1916.

COUNTIES—GRUNDY, LASALLE, LIVINGSTON AND WILL. BEN D. ROBERTS, *Inspector.*

Hon. J. F. Morris, Chief Clerk, State Mining Board, Springfield.

SIR: Complying with section 5 of the General Mining Law of Illinois, I submit herewith the annual report of the coal producing counties of Grundy, LaSalle, Livingston and Will.

SUMMARY OF THE ITEMS IN THE REPORT.

Number of counties producing coal	4
Number of shipping mines	17
Number of local mines	33
Number of new or reopened mines	9
Number of closed or abandoned mines	7
Number of miners	2,783
Others under ground, men	672
Boys under ground	65
Boys above ground	5
Others above ground	375
Total number of employees	3,900
Total tons of coal produced	1,708,023
Days of active operation, all mines	169
Kegs of powder used for blasting coal	9,240
Tons of coal shipped	873,575
Tons supplied to locomotives	41,505
Tons sold to railroad companies	283,669
Tons sold to local trade	215,752
Tons consumed and wasted at mines	293,522
Number of fatal accidents	2
Number of nonfatal accidents	80
Number of employees to each fatal accident	1,950
Number of employees to each nonfatal accident	49
Tons of coal produced to each fatal accident	854,012
Tons of coal produced to each nonfatal accident	21,350
Ratio of fatal accidents per 1,000 employees	.51

The following table gives the total tonnage by counties, for the years 1915 and 1916, with increase or decrease:

Counties.	Total output—tons—1915.	Total output—tons—1916.	Increase.	Decrease.
Grundy	333,682	305,000		28,682
LaSalle	1,273,998	1,170,200		103,798
Livingston	112,339	103,979		8,360
Will	127,487	128,844	1,357	
Total	1,847,506	1,708,023	1,357	140,840
Net				139,483

New Mines.

The following are the new or reopened mines:

Grundy County.—Mitchell & Rossi, Morris.

LaSalle County.—Chicago Retort Fire Brick Company, Thomas Mooney, Ottawa; Grover G. Gilbert, Thomas & Reehl, Wm. Francis & Son, Jack McNeil, Streator; C. J. Clark, Utica; John Roth, Wilsman.

Abandoned Mines.

These mines have not been in operation this year and are permanently abandoned or temporarily closed:

LaSalle County.—Harrison Coal Co., Wm. Francis & Co., Robert Harrison, Streator; Fred Brooker, Utica.

Livingston County.—Evans Coal Co., McMillan & Wonders, Joe Blank, Streator.

Change of Name.

Rutland Coal Co. to Hakes & Lyon; Oscar Kimes to Ed. Liptack & Son; Chris Redding to DeMoss & Son; Seroka & Flavel to Seroka Coal Co.

Improvements.

The Illinois Zinc Company has taken out the old boilers and replaced them with two 66 by 16 horizontal tubular boilers. Two bins of 20 tons capacity each have been built, new guides between the top and bottom landings put in, new cages installed, a new undercast between the bottom of shaft and west entry made of brick, concrete and steel, relaid 400 feet of track with heavy rails and erected a washhouse. A mine rescue car seven feet six inches long, two feet eight inches wide, thirty-two inches high, fitted up with first aid equipment, has been installed at Mine No. 1, Deer Park.

The Oglesby Coal Company has retimbered the air chamber next to the hoisting shaft with heavy braced timbers from the limestone ledge to the surface, restored the concrete piers around the mouth of the shaft and levelled the Illinois Central tower. The wood supports under track scales are replaced with steel structure on concrete base. Boiler No. 5 is replaced with a new boiler and a new 100-foot stack is erected between No. 5 and No. 6, which will furnish draft for these two boilers. Under these two boilers, No. 5 and No. 6, a pair of automatic stokers has been placed, and the washhouse completed.

The Matheisen & Hegeler Zinc Company has built a fan house and installed one 125-horsepower electric motor, 60 cycle, 550 volts, to drive the fan instead of the 80-horsepower steam engine which will be kept in reserve. The company has also installed a self dumping cage, weigh hopper, track scales, and completed the washhouse.

The Streator Clay Manufacturing Company, Streator, has installed a storage battery, haulage motor, and completed the washhouse.

Oswald & Young, Braidwood, have purchased the hoisting outfit of Murphy, Linskey and Kasher, and have installed the same at their mine, doing away with the gin horse. They have bought the fan of Munts Bros. of Streator and have installed it. This makes a great improvement in the ventilation.

The Fairbury Coal Company has installed two 75-horsepower return tubular boilers at the west mine, also completed the washhouse.

The Cooperative Coal Company, Fairbury, has installed one 65-horsepower return tubular boiler and completed the washhouse.

Murphy, Linskey & Kasher, Pontiac, have installed two 100-horsepower return tubular boilers at their mine, also put in railroad scales and a 5-foot fan, and have completed the washhouse.

The Prairie Creek Coal Company and the Seroka Coal Company have each opened a new slope for escape roads.

The LaSalle County Carbon Coal Company has installed at the LaSalle mine two long wall machines, a crusher, and completed the washhouse. At No. 1 Mine, Jonesville, a shaker screen, a larger crusher, and new track

scales have been installed. The washhouse has been completed. At the Union Mine, Peru, new track scales have been put in and the washhouse finished.

Fatal Accidents.

December 28, 1915, Emil Bernard, driver, age 39 years, married, was crushed by a loaded pit car in the Mathiessen & Hegeler Zinc Company's mine, LaSalle, LaSalle County. Deceased, as a favor to the regular spragger, was taking the coupling hook off the first car of the trip when he fell in front of the car which ran over him. He leaves a widow and seven children.

April 2, 1916, William Cadman, driver, age 38 years, single, was struck by a runaway car in the mine of Francis & Son, Streator, LaSalle County, March 31, 1916. He lived two days.

Respectfully submitted,

Ben D. Roberts,
State Inspector of Mines, Streator, Ill.

FATAL CASUALTIES, FIRST DISTRICT, JUNE 30, 1916.

Date.	Name.	Age.	Occupation.	Residence.	Married.	Single.	Widow.	Children.	Dependents.	Cause of death.
1915 Dec. 28	Emil Bernard	39	Driver	LaSalle	1	..	1	7	8	Pit car.
1916 Apr. 2	William Cadman	38	..do	Streator	..	1	..	..	..	Pit car.
	Total	..			1	1	1	7	8	

RECAPITULATION OF FATAL ACCIDENTS, FIRST DISTRICT, 1916.

Residence.	No.	Occupation.	No.	Cause of accident.	No.	Colliery.	No.
LaSalle	1	Drivers	2	Pit cars	2	Francis & Son	1
Streator	1		....		....	Mathiesen & Hegeler Zinc Co.	1
Total	2		2		2		2

NONFATAL CASUALTIES, FIRST DISTRICT, JUNE 30, 1916.

Date.	Name.	Age.	Residence.	Married.	Single.	Children.	Dependents.	Character of injury and cause of accident.	Time lost—days.
1915 July 8	Anton Bosevetski	58	LaSalle	1	..	5	6	Leg injured, falling rock	30
12	Charles Sudyce	51	Jonesville	..	1	....	....	Fingers injured, falling rock	36
15	E. Monzias	38	Oglesby	1	..	3	4	Foot injured, falling coal	*
21	Rafael Gonzonelli	46	..do	1	..	6	7	Finger broken, falling prop	50
Aug. 4	Frank Roebuck	40	..do	1	..	2	3	Eye injured, falling coal	58
6	Steve Briddick	48	Braceville	1	..	6	7	Arm injured, falling slate	77
6	James Lissey, Sr	42	Godfrey	1	..	6	7	Body injured, falling slate	56
14	Julius Lishewski	33	LaSalle	1	..	5	5	Back injured, lifting car	61
18	Frank Vincent	50	Torino	1	..	4	5	Back injured, falling slate	42
21	John Tirmpalla	34	LaSalle	1	..	3	4	Leg broken, pit cars	164
26	Bastista Boggetta	50	Torino	..	1	....	....	Back injured, falling slate	35
27	Angelo Shezzi	27	Coal City	..	1	....	....	Body burned, gas explosion	34
30	Charles Girlow	53	LaSalle	1	..	6	7	Leg injured, pit car	44
31	Tim Hanley	58	..do	..	1	....	....	Fingers broken, pit car	127
Sept. 7	Pete Leoni	27	So. Wilmington	1	..	....	1	Back injured, falling rock	49
7	John Gigo	39	Oglesby	..	1	....	....	Finger broken, falling coal	55

NONFATAL CASUALTIES, FIRST DISTRICT, JUNE 30, 1916—concluded.

Date.	Name.	Age.	Residence.	Married.	Single.	Children.	Dependents.	Character of injury and cause of accident.	Time lost—days.
1915									
Sept. 13	Anton Barina	42	Oglesby	1	..	....	1	Shoulder broken, falling slate	55
13	Dom Columbus	63	So. Wilmington	..	1	....	....	Body injured, falling coal	57
15	Joseph Ronda	46	Oglesby	1	..	....	1	Back injured, falling slate	40
24	George Armstrong	60	Streator	1	..	2	3	Foot injured, falling rock	*
25	A. Witeck	35	Peru	..	1	....	....	Wrist injured, falling coal	31
Oct. 1	Loran Waters	69	Oglesby	..	1	....	....	Ankle injured, falling coal	52
2	Joe Dinelli	38	So. Wilmington	1	..	5	6	Ankle broken, falling coal	35
9	Paul Banchio	52	..do	1	..	1	2	Rib injured, falling coal	35
29	George Rubis	63	Streator	1	..	5	3	Foot injured, falling rock	*
Nov. 2	Frank Bossilo	..	Cedar Point	..	1	....	....	Leg injured, falling coal	49
5	Frank Pellegrini	36	Coal City	1	..	....	1	Leg injured, falling slate	55
12	Louis Pelican	29	So. Wilmington	1	..	3	4	Ankle broken, falling rock	35
12	John Kosciuwicz	36	Peru	1	..	4	5	Shoulder injured, falling coal	32
13	Louis Truffa	39	Coal City	1	..	....	1	Ankle broken, falling slate	105
16	Herman Gondolfi	27	Oglesby	1	..	....	2	Ribs broken, mule, squeezed by	34
27	Sam Roe	55	..do	1	..	....	1	Body injured, falling coal	63
27	Herman Krueger	42	LaSalle	1	..	6	7	Shoulder injured, falling prop	37
29	Joe Simpson	57	So. Wilmington	..	1	....	....	Back injured, falling rock	182
Dec. 2	John Novak	49	LaSalle	1	..	6	7	Finger injured, falling coal	*
2	Henry Schmidt	66	Peru	1	..	1	2	Leg injured, pit cars	155
3	Frank Bolda	43	LaSalle	1	..	4	5	Foot injured, falling rock	49
9	G. Muzarelli	30	So. Wilmington	1	..	2	3	Foot broken, falling rock	47
9	K. Domkowski	51	Oglesby	1	..	7	8	Ribs broken, falling coal	61
11	John Zeuchyk	45	LaSalle	1	..	....	1	Leg broken, falling coal	*
11	Tony Bruno	45	Streator	1	..	....	1	Eye injured, flying coal	60
16	Hugh Currie	32	LaSalle	..	1	....	....	Foot injured, falling rock	31
20	J. Finman	45	..do	1	..	....	1	Finger cut off, caught in pump	75
20	Frank Leiski	36	..do	1	..	2	3	Leg injured, pit car	72
21	Peter Buris	62	So. Wilmington	1	..	....	1	Back injured, falling rock	42
22	George Cortisi	32	Coal City	1	..	....	1	Ankle broken, falling slate	147
27	Steve Richie	45	Oglesby	1	..	2	3	Toes broken, falling rock	42
29	Dante Burchi	45	So. Wilmington	1	..	8	8	Head injured, falling rock	42
1916									
Jan. 7	F. Stricker	42	LaSalle	..	1	....	....	Eye injured, flying coal	31
12	James Memmem, Jr.	17	Oglesby	..	1	....	....	Fingers broken, caught in gear	117
18	Dan Columbus	63	So. Wilmington	..	1	....	....	Foot broken, falling rock	56
21	L. Michela	..	Cedar Point	..	1	....	....	Fingers broken, falling coal	70
22	Julius Guerini	39	So. Wilmington	1	..	6	7	Back injured, fell down	35
26	Jno. Krull	60	..do	1	..	2	2	Ankle broken, falling rock	77
Feb. 3	John Ross	32	LaSalle	1	..	3	4	Body injured, pit car	48
4	John Gervassi	38	Coal City	1	..	....	1	Foot injured, pit car	38
9	John Ludwick	45	..do	1	..	....	1	Fingers broken, falling slate	142
9	Joe Monferdini	40	So. Wilmington	1	..	3	4	Rib broken, pit car	56
10	R. Leonardi	28	LaSalle	1	..	2	3	Leg broken, falling coal	67
21	Fk. Schneider	37	So. Wilmington	1	..	4	5	Finger cut off, falling rock	63
28	Geo. Skeldon, Sr.	42	..do	1	..	9	9	Body injured, falling rock	42
Mar. 2	G. Charney	38	LaSalle	1	..	5	6	Eye injured, flying coal	*
7	Joe Hiney	48	Braceville	1	..	....	1	Body injured, falling slate	56
18	R. J. McAllister	48	Fairbury	..	1	....	....	Finger broken, pit car	34
31	Wm. Weighill	35	Pontiac	1	..	2	3	Arm and leg broken, falling rock	97
Apr. 5	W. Glump	45	LaSalle	1	..	6	7	Foot injured, falling rock	*
7	Joe Cresona	55	..do	..	1	....	....	Eye injured, flying sulphur	*
15	Joe Vota	49	So. Wilmington	1	..	7	7	Body injured, falling rock	90
18	Wm. Galloway	57	Coal City	1	..	....	1	Foot injured, falling coal	70
22	P. Veracki	..	Cedar Point	..	1	....	....	Leg injured, falling coal	*
27	F. Magere	31	LaSalle	1	..	4	5	Back injured, falling rock	*
May 6	G. Vendura	51	..do	1	..	6	7	Body injured, falling rock	*
12	Ant. Veveano	38	So. Wilmington	1	..	4	5	Body injured, lifting coal	150
20	Alex. Cornelio	38	..do	1	..	5	6	Hip injured, fell down	35
23	Dom. Perino	52	..do	1	..	1	2	Back injured, falling rock	50
23	Wm. Gays	19	..do	..	1	....	....	Body injured, lifting coal	150
27	Jas. Raimonda	40	..do	1	..	2	3	Head injured, falling rock	40
27	Frank Seubak	27	Peru	1	..	1	2	Foot broken, falling rock	*
June 13	Batiste Sampo	21	Oglesby	1	..	1	2	Rib broken, mule, squeezed by	70
17	Jno. Gotta	47	So. Wilmington	1	..	3	4	Arm broken, falling rock	90
	Total	..		61	19	181	234		

* Not returned to work, June 30, 1916.

Number injured 80
Number not returned 12

Number returned to work 68

Time lost by men returned to work, days .. 4,517
Average days lost 66.43

RECAPITULATION OF NONFATAL ACCIDENTS, FIRST DISTRICT, 1916.

Residence.	No.	Occupation.	No.	Cause of accident.	No.	Colliery.	No.
Braceville	2	Cager	1	Caught in gear	1	Acme Coal Co.	3
Cedar Point	3	Drivers	2	Caught in pump	1	C., W. & F. Coal Co.	22
Coal City	7	Laborers	4	Falling coal	21	Fairbury Co-op. Coal Co.	1
Fairbury	1	Miners	72	Falling prop	2	Illinois Zinc Co.	5
Godfrey	1	Trapper	1	Falling rock	25	LaSalle Co. C. C. Co.	19
Jonesville	1			Falling slate	11	Matthiessen & Hegeler Z. Co.	6
LaSalle	20			Fell down	2	Murphy, Linskey & Kasher	1
Oglesby	13			Flying coal	3	Oglesby Coal Co.	9
Peru	4			Flying sulphur	1	Wilm. C. M. & Mfg. Co.	5
Pontiac	1			Gas explosion	1	Wilmington Star M. Co.	9
So. Wilmington	22			Lifting weight	1		
Streator	3			Mule, squeezed by	2		
Torino	2			Pit cars	9		
Total	80		80		80		80

RECAPITULATION OF NONFATAL CASUALTIES, NATURE OF INJURIES, CONJUGAL RELATIONS, AND TIME LOST, FIRST DISTRICT, 1916.

Nature of injuries.	Number.	Married.	Single.	Children.	Dependents.	Time lost—days.		Percentage of Injuries.
						Total.	Average.	
Ankles broken	4	4	.....	5	11	376	94.00	5.00
Ankles injured	2	1	1	5	9	87	43.50	2.50
Arm broken	1	1	.....	3	4	90	90.00	1.25
Arm and leg broken	1	1	.....	2	3	97	97.00	1.25
Arm injured	1	1	.....	6	7	77	77.00	1.25
Back injured[1]	10	8	2	22	28	536	59.56	12.50
Body burned	1	.....	1	.....	.....	34	34.00	1.25
Bodies injured[1]	10	8	2	28	34	647	71.90	12.50
Eyes injured[2]	5	3	2	7	10	149	49.67	6.25
Feet broken[1]	3	2	1	3	5	196	98.00	3.75
Feet injured[3]	8	7	1	20	24	188	47.00	10.00
Fingers broken	7	2	5	6	8	595	85.00	8.75
Fingers cut off	2	2	.....	7	6	148	74.00	2.50
Fingers injured[1]	2	1	1	6	7	36	36.00	2.50
Head injured	3	3	.....	17	18	172	57.33	3.75
Legs broken[1]	3	3	.....	5	8	231	115.50	3.75
Legs injured[1]	7	5	2	14	19	405	67.50	8.75
Ribs broken	5	5	.....	13	17	256	51.20	6.25
Shoulder broken	1	1	.....	.....	1	55	55.00	1.25
Shoulders injured	2	2	.....	10	12	69	34.50	2.50
Toes broken	1	1	.....	2	3	42	42.00	1.25
Wrist injured	1	.....	1	.....	.....	31	31.00	1.25
Total	80	61	19	181	234	4,517	66.43	100.00

[1] One not returned to work.
[2] Two not returned to work.
[3] Four not returned to work.

GRUNDY COUNTY,

Number.	Name of operator.	Post-office address of the mine.	Output of mines in tons. Mine run.	Lump.	Other grades.	Total.	Tons loaded on cars for shipment.
	SHIPPING MINES.						
1	Chi., Wil. & Frank. Coal Co., No. 3	So. Wilmington	.....	131,659	73,779	205,438	176,537
2	Wilmington Star Mining Co., No. 7	Coal City	.....	54,844	43,133	97,977	69,919
	Total		.....	186,503	116,912	303,415	246,456
	LOCAL MINES.						
1	Mitchell & Rossi	Morris	1,125	.....	.....	1,125	.....
2	James Bell	..do	.....	350	50	400	.....
3	W. Hodson	..do	.....	60	.....	60	.....
	Total		1,125	410	50	1,585	.....
	Total—5 mines		1,125	186,913	116,962	305,000	246,456

Mines in 1915, 4. New mines, 1. Mines in 1916, 5.

LASALLE COUNTY,

Number.	Name of operator.	Post-office address of the mine.	Mine run.	Lump.	Other grades.	Total.	Tons loaded on cars for shipment.
	SHIPPING MINES.						
1	Oglesby Coal Co	Oglesby	1,915	99,839	59,423	161,177	31,192
2	LaSalle Co. Carbon Coal Co., No. 5	Cedar Point	2,174	68,393	86,692	157,259	36,944
3	LaSalle Co. Carbon Coal Co., No. 1	LaSalle	49,910	40,770	62,355	153,035	128,321
4	LaSalle Co. Carbon Coal Co., Union	..do	27,313	47,362	46,318	120,993	39,675
5	Chi., Wil. & Frank. Coal Co., No. 3	Streator	833	53,345	29,657	83,835	76,146
6	Illinois Zinc Co., No. 3	Peru	60,892	.....	.....	60,892	57,379
7	Illinois Zinc Co., No. 1	..do	59,657	.....	.....	59,657	56,507
8	LaSalle Co. Carbon Coal Co., LaSalle	LaSalle	9,555	23,556	19,103	52,214	22,788
9	Acme Coal Co	Streator	.....	22,340	16,713	39,053	29,919
10	Hakes-Lyon Coal Co., No. 2	Rutland	.....	14,899	10,957	25,856	18,123
11	G. & J. Coal Co., No. 1	Seneca	.....	13,800	700	14,500	8,813
	Total		212,249	384,304	331,918	928,471	505,807
	LOCAL MINES.						
1	Matthiessen & Hegeler Zinc Co	LaSalle	175,931	.....	.....	175,931	.....
2	Manufacturers Coal Co	Marseilles	27,847	.....	.....	27,847	.....
3	Munts Coal Co	Streator	.....	8,148	2,736	10,884	.....
4	Donkin Stobs	..do	1,162	1,162	2,327	4,651	.....
5	Ed. Liptak & Son	..do	.....	2,466	1,263	3,729	.....
6	Seroka Coal Co	..do	.....	1,800	1,308	3,108	.....
7	Prairie Creek Coal Co	..do	.....	1,100	1,329	2,429	.....
8	Thomas & Reehl	..do	.....	1,600	798	2,398	.....
9	Chicago Retort & Fire Brick Co	Ottawa	2,000	.....	.....	2,000	.....
10	Wm. Francis & Son	Streator	1,602	.....	.....	1,602	.....
11	Illinois Clay Products Co	Oglesby	1,112	.....	.....	1,112	.....
12	Jack McNeil	Streator	500	500	100	1,100	.....
13	Pratt Coal Co	..do	.....	250	650	900	.....
14	Smith Bros	Lowell	.....	600	150	750	.....
15	John Petrotte	Kangley	.....	100	550	650	.....
16	Lakotas & Uhrin	Streator	607	.....	.....	607	.....
17	National Fire Proofing Co	Ottawa	400	.....	.....	400	.....
18	Wm. Bottomly	Utica	393	.....	.....	393	.....
19	Demoss & Son	Kangley	279	.....	.....	279	.....
20	C. J. Clark	Utica	220	.....	10	230	.....
21	Chas. Hendee	Ottawa	.....	224	.....	224	.....
22	L. W. Brewer	..do	170	.....	.....	170	.....
23	Grover G. Gilbert	Streator	150	.....	.....	150	.....
24	John Roth	Wilsman	.....	60	25	85	.....

FIRST DISTRICT, 1916.

Disposition of output.				Kegs of powder used for blasting coal.	Pounds of permissible explosives used.	Days of active operation.	Total number employed.	Tons mined.		Mining machines—number in use.	Accidents.		Number of motors in use.	Number of animals under ground.	Number.
Tons supplied to locomotives at the mines.	Tons sold to railroad companies and loaded on cars.	Tons sold to local trade.	Tons consumed or wasted at the mines.					By hand.	By machine.		Killed.	Injured.			
.....	12,032	7,685	9,184	.....	....	174	504	205,438	.....	....	....	22	....	37	1
.....	10,531	7,883	9,644	380	....	193	224	97,977	.....	....	....	9	....	18	2
.....	22,563	15,568	18,828	380	....	184	728	303,415	.....	....	....	31	....	45	
.....	.....	1,125	.....	.....	....	110	10	1,125	.....	....	....	....	....	....	1
.....	.....	370	30	10	....	50	4	400	.....	....	....	....	....	....	2
.....	.....	60	.....	.....	....	28	3	60	.....	....	....	....	....	....	3
.....	.....	1,555	30	.....	....	63	17	1,585	.....	....	....	....	....	....	
.....	22,563	17,123	18,858	390	....	111	745	305,000	.....	....	....	31	....	45	

FIRST DISTRICT, 1916.

977	111,933	6,983	10,092	.....	....	200	382	161,177	.....	....	....	9	1	52	1
.....	105,511	2,605	12,199	.....	....	164	380	157,259	.....	....	....	3	....	40	2
.....	15,025	3,149	6,549	.....	....	195	357	153,035	.....	....	....	4	2	21	3
21,970	17,811	40,808	729	.....	....	200	251	120,993	.....	....	....	8	....	41	4
.....	.....	2,718	4,971	3,242	....	211	182	83,835	.....	....	....	....	....	16	5
.....	.....	1,297	2,216	.....	....	271	138	60,892	.....	....	....	5	....	23	6
.....	.....	636	2,514	.....	....	264	95	59,657	.....	....	....	....	....	20	7
.....	7,639	18,829	2,958	.....	....	167	185	43,721	8,493	1	....	4	2	18	8
.....	.....	6,420	2,714	1,175	....	127	114	39,053	.....	....	....	3	....	14	9
.....	.....	3,248	4,485	.....	....	110	69	25,856	.....	....	....	....	....	10	10
.....	3,187	1,800	700	.....	....	226	40	14,500	.....	....	....	....	....	3	11
22,947	261,106	88,493	50,118	4,417	....	194	2,193	919,978	8,493	1	....	36	5	258	
.....	.....	7,552	168,379	.....	....	284	156	175,931	.....	....	1	6	....	....	1
.....	.....	27,013	834	.....	....	209	72	27,847	.....	....	....	....	....	....	2
.....	.....	10,348	536	.....	....	275	29	10,884	.....	....	....	....	....	....	3
.....	.....	4,286	365	.....	....	147	21	4,651	.....	....	....	....	....	....	4
.....	.....	3,729	.....	.....	....	220	11	3,729	.....	....	....	....	....	....	5
.....	.....	3,108	.....	98	....	260	10	3,108	.....	....	....	....	....	....	6
.....	.....	2,429	.....	80	....	200	7	2,429	.....	....	....	....	....	....	7
.....	.....	2,398	.....	35	....	165	9	2,398	.....	....	....	....	....	....	8
.....	.....	.....	2,000	15	....	200	8	2,000	.....	....	....	....	....	....	9
.....	.....	1,402	200	80	....	200	5	1,602	.....	....	1	....	....	....	10
.....	.....	109	1,003	.....	....	300	32	1,112	.....	....	....	....	....	....	11
.....	.....	1,100	.....	25	....	120	6	1,100	.....	....	....	....	....	....	12
.....	.....	900	.....	.....	....	130	5	900	.....	....	....	....	....	....	13
.....	.....	750	.....	45	....	200	5	750	.....	....	....	....	....	....	14
.....	.....	650	.....	.....	....	125	4	650	.....	....	....	....	....	....	15
.....	.....	607	.....	15	....	160	3	607	.....	....	....	....	....	....	16
.....	.....	400	.....	.....	....	100	2	400	.....	....	....	....	....	....	17
.....	.....	383	10	6	....	80	5	393	.....	....	....	....	....	....	18
.....	.....	279	.....	20	....	65	2	279	.....	....	....	....	....	....	19
.....	.....	220	10	5	....	90	3	230	.....	....	....	....	....	....	20
.....	.....	224	.....	8	....	120	2	224	.....	....	....	....	....	....	21
.....	.....	170	.....	.....	....	100	1	170	.....	....	....	....	....	....	22
.....	.....	150	.....	.....	....	30	2	150	.....	....	....	....	....	....	23
.....	.....	85	.....	20	....	200	9	85	.....	....	....	....	....	....	24

LASALLE COUNTY, FIRST

Number.	Name of operator.	Post-office address of the mine.	Output of mines in tons. Mine run.	Lump.	Other grades.	Total.	Tons loaded on cars for shipment.
25	Herrick Clay Mfg. Co.	Ottawa	60	.....	.....	60	.....
26	Thomas Mooney	do	40	.....	.....	40	.....
	Total		212,473	18,010	11,246	241,729	.....
	Total—37 mines		424,722	402,314	343,164	1,170,200	505,807

Mines reported for 1915, 33. New mines, 8. Abandoned mines, 4. Mines for 1916, 37.

LIVINGSTON COUNTY,

Number.	Name of operator.	Post-office address of the mine.	Mine run.	Lump.	Other grades.	Total.	Tons loaded on cars for shipment.
	SHIPPING MINES.						
1	Fairbury Coal Co.	Fairbury	19,328	1,526	5,407	26,261	5,136
2	Murphy, Linskey, Kasher Coal Co.	Pontiac	9,302	5,501	9,299	24,102	8,635
	Total		28,630	7,027	14,706	50,363	13,771
	LOCAL MINES.						
1	Streator Clay Mfg. Co.	Streator	25,819	.....	.....	25,819	.....
2	Barr Clay Co.	do	16,195	.....	.....	16,195	.....
3	Fairbury Miners Co-operative C. Co.	Fairbury	1,866	3,764	5,972	11,602	.....
	Total		43,880	3,764	5,972	53,616	.....
	Total—5 mines		72,510	10,791	20,678	103,979	13,771

Mines in 1915, 8. Abandoned mines, 3. Mines in 1916, 5.

WILL COUNTY,

Number.	Name of operator.	Post-office address of the mine.	Mine run.	Lump.	Other grades.	Total.	Tons loaded on cars for shipment.
	SHIPPING MINES.						
1	Wilmington C. M. & Mfg. Co.	Torino	71,702	.....	.....	71,702	63,090
2	Murphy, Linskey, Kasher Coal Co.	Braidwood	2,234	30,572	19,936	52,742	44,451
	Total		73,936	30,572	19,936	124,444	107,541
	LOCAL MINES.						
1	Oswald & Young	Braidwood	4,400	.....	.....	4,400	.....
	Total		4,400	.....	.....	4,400	.....
	Total—3 mines		78,336	30,572	19,936	128,844	107,541

Mines in 1915, 3. Mines in 1916, 3 .

DISTRICT, 1916—concluded.

Disposition of output.								Tons mined.			Accidents.					
Tons supplied to locomotives at the mines.	Tons sold to railroad companies and loaded on cars.	Tons sold to local trade.	Tons consumed or wasted at the mines.	Kegs of powder used for blasting coal.	Pounds of permissible explosives used.	Days of active operation.	Total number employed.	By hand.	By machine.	Mining machines—number in use.	Killed.	Injured.	Number of motors in use.	Number of animals under ground.	Number.
.....	.....	60	.....	.....	....	40	1	60	.....	....	....	....	....	....	25
.....	.....	30	10	5	....	20	2	40	.....	....	....	....	....	....	26
.....	.....	68,382	173,347	457	....	155	412	241,729	.....	....	....	6	....	....	
22,947	261,106	156,875	223,465	4,874	....	167	2,605	1,161,707	8,493	1	2	42	5	258	

FIRST DISTRICT, 1916.

18,558	.....	2,311	256	1,500	....	234	45	26,261	.....	....	....	....	....	5	1
.....	.....	13,698	1,769	1,205	....	202	52	24,102	.....	....	....	1	....	4	2
18,558	.....	16,009	2,025	2,705	....	218	97	50,363	.....	....	....	1	....	9	
.....	.....	.....	25,819	300	....	293	29	.....	25,819	1	....	....	....	....	1
.....	.....	.....	16,195	250	....	250	20	16,195	.....	....	....	....	....	....	2
.....	.....	10,837	765	696	....	220	22	11,602	.....	....	....	1	....	....	3
.....	.....	10,837	42,779	1,246	....	254	71	27,797	25,819	1	....	1	....	....	
18,558	.....	26,846	44,804	3,951	....	240	168	78,160	25,819	1	....	2	....	9	

FIRST DISTRICT, 1916.

.....	.....	5,012	3,600	.....	10	186	210	71,702	.....	....	....	5	....	22	1
.....	.....	5,896	2,395	.....	....	153	154	52,742	.....	....	....	....	....	10	2
.....	.....	10,908	5,995	.....	10	170	364	124,444	.....	....	....	5	....	22	
.....	.....	4,000	400	.....	....	170	18	4,400	.....	....	....	....	....	....	1
.....	.....	400	400	.....	....	170	18	4,400	.....	....	....	....	....	....	
.....	.....	14,908	6,395	.....	10	170	382	128,844	.....	....	....	5	....	22	

RECAPITULATION BY COUNTIES, FIRST DISTRICT, 1916.

	Grundy.	LaSalle.	Living-ston.	Will.	Total.
Number of mines	5	37	5	3	50
Shipping	2	11	2	2	17
Local	3	26	3	1	33
Production in tons	305,000	1,170,200	103,979	128,844	1,708,023
Shipping	303,415	928,471	50,363	124,444	1,406,693
Local	1,585	241,729	53,616	4,400	301,330
Mine run	1,125	424,722	72,510	78,336	576,693
Shipping	.....	212,249	28,630	73,936	314,815
Local	1,125	212,473	43,880	4,400	261,878
Lump	186,913	402,314	10,791	30,572	630,590
Shipping	186,503	384,304	7,027	30,572	608,406
Local	410	18,010	3,764	.....	22,184
Other grades	116,962	343,164	20,678	19,936	500,740
Shipping	116,912	331,918	14,706	19,936	483,472
Local	50	11,246	5,972	.....	17,268
Disposition of output	305,000	1,170,200	103,979	128,844	1,708,023
Loaded on cars for shipment	246,456	505,807	13,771	107,541	873,575
Other purposes	58,544	664,393	90,208	21,303	834,448
Shipping	56,959	422,664	36,592	16,903	533,118
Local	1,585	241,729	53,616	4,400	301,330
Kegs of powder used, blasting coal	390	4,874	3,951	25	9,240
Shipping	390	4,417	2,705	25	7,537
Local	.....	457	1,246	.....	1,703
Days of active operation (average)	111	167	240	170	169
Shipping	184	194	218	168	193
Local	63	155	254	170	156
Employees	745	2,605	168	382	3,900
Shipping	728	2,193	97	364	3,382
Local	17	412	71	18	518
Under ground	697	2,338	136	349	3,520
Shipping	682	1,967	83	334	3,066
Local	15	371	53	15	454
Above ground	48	267	32	33	380
Shipping	46	226	14	30	316
Local	2	41	18	3	64
Tons mined by hand	305,000	1,161,707	78,160	128,844	1,673,711
Shipping	303,415	919,978	50,363	124,444	1,398,200
Local	1,585	241,729	27,797	4,400	275,511
Tons mined by machine	.....	8,493	25,819	.....	34,312
Shipping	.....	8,493	.....	.....	8,493
Local	.....	.....	25,819	.....	25,819
Number of machines in use	.....	1	1	.....	2
Shipping	.....	1	.....	.....	1
Local	.....	.....	1	.....	1
Number of motors in use	.....	5	.....	.....	.....

RECAPITULATION BY COUNTIES, FIRST DISTRICT, 1916—concluded.

	Grundy.	LaSalle.	Living-ston.	Will.	Total.
Number of killed	.....	2	.....	.....	2
Shipping	.....	.....	.....	.....	.....
Local	.....	2	.....	.....	2
Number injured	31	42	2	5	80
Shipping	31	36	1	5	73
Local	.....	6	1	.....	7

Whole number of mines reported for 1915, 48.
Number of new mines opened during the year, 9.
Number of mines abandoned during the year, 7.
Whole number of mines reported for 1916, 50.

SECOND INSPECTION DISTRICT—1916.

COUNTIES—BUREAU, HENRY, KNOX, MERCER, ROCK ISLAND, STARK AND WARREN.
THOMAS H. DEVLIN, *Inspector.*

Hon. J. F. Morris, Chief Clerk, State Mining Board, Springfield.

SIR: Complying with section 5 of the General Mining Law of Illinois, I submit herewith the annual report of the coal producing counties of Bureau, Henry, Knox, Mercer, Rock Island, Stark and Warren.

SMMMARY OF THE ITEMS IN THE REPORT.

Number of counties producing coal	7
Number of shipping mines	8
Number of local mines	72
Number of new or reopened mines	11
Number of closed or abandoned mines	9
Number of miners	2,623
Others under ground, men	630
Boys under ground	117
Boys above ground	9
Others above ground	270
Total number of employees	3,649
Total tons of coal produced	1,768,658
Days of active operation, all mines	167
Kegs of powder used for blasting coal	15,229
Tons of coal shipped	245,189
Tons supplied to locomotives	33,760
Tons sold to railroad companies	1,252,288
Tons sold to local trade	156,334
Tons consumed and wasted at mines	81,087
Number of fatal accidents	7
Number of nonfatal accidents	99
Number of employees to each fatal accident	521
Number of employees to each nonfatal accident	37
Tons of coal produced to each fatal accident	252,665
Tons of coal produced to each nonfatal accident	17,865
Ratio of fatal accidents per 1,000 employees	1.92

The following table gives the total tonnage by counties, for the years 1915 and 1916, with increase or decrease:

County.	Total output—tons—1915.	Total output—tons—1916.	Increase.	Decrease.
Bureau	1,236,873	1,298,582	61,709	.....
Henry	51,983	50,019	.....	1,964
Knox	18,162	17,140	.....	1,022
Mercer	372,254	354,009	.....	18,245
Rock Island	37,688	29,937	.....	7,751
Stark	19,645	13,531	.....	6,114
Warren	5,908	5,440	.....	468
Total	1,742,513	1,768,658	61,709	35,564
Net	.....	.....	26,145	.....

New Mines.

The following are the new or reopened mines:

Knox County.—Peter Clary, Fennell & Wilkie, Middlegrove; G. A. Rice and George & Charles Horkstrom, Victoria.

Mercer County.—Hydraulic Press Brick Co., Aledo; J. M. Brown, Viola.

Rock Island County.—Stone Bros., and Lair and Schroder, Moline.

Stark County.—George D. Boardman, Toulon; Mike Beeman, Curtis & Adleman, Wyoming.

Abandoned Mines.

W. E. Jones, Sheffield; Leo Meleon, Kewanee; Robert Summerson, Coal Valley; Charles Lopeman, Rapatee; Eli Enderson, Victoria; J. C. Welch, Williamsfield; M. A. Beers, Cable; F. C. Dodds & Son, Viola; Charles Simcox, Alexis.

Change of Name.

Albert Grice to Grice Coal Co.; Chafin Henderson to Ed. Peterson; Mary Layhs to Layhs & McGovern; Morse & Douglas to Clyde Morse; Ed. Peterson to Ed. Horkstrom; Axel E. Link to Lee & Hagman; Charles Oltman to Cook & Oltman; Jesse Savil to Waite Bros.; Blakely Bros. to Henry Roberts.

Fires.

On Tuesday morning, November 2, 1915, fire broke out in the surface buildings of the Henry Coal Company, Kewanee, destroying the tipple building, engine room and boiler house, and all the coal sheds with 1,500 bushels of coal and 10 loaded pit cars. The company has since rebuilt and the mine is again in operation.

Damage by Water.

On Saturday, May 13, 1916, water from old abandoned workings of many, many years standing, broke into the Alden Coal Company's No. 7 mine, located at Matherville, throwing 150 men out of employment for nearly two months, and at the same time creating an expensive as well as unpleasant experience for the company and its local officials. As no maps or records of these old workings referred to were in existence, it was impossible for anyone to determine the exact location or distance from the active workings of the mine, but the occurrence was not wholly unexpected, as nearly everyone familiar with this field was aware of the presence of quite a body of water. It was first noticed coming into the mine by the shot firers who were the only men in the mine.

Improvements.

The St. Paul Coal Company has installed a very ingenious and useful device on the main hoisting engine at Cherry Mine. This is used to prevent over-winding and excessive rope speeds in hoisting or landing men, and can be used on steam engines having a steam brake, steam reverse and lever throttle. The contrivance consists of a ball governor operated by a chain drive from the drum shaft and a disc suitably arranged with lugs so that when the drum makes a certain number of revolutions, the lugs on the disc trip a trigger-valve, which, by means of a suitable mechanical arrangement, throws over the throttle lever, thus shutting off the steam, and in a fraction of a second it throws over the brake lever, putting on the brake, and stopping the engine and so prevents an overwind by the failure of the engineer to stop in time. The point at which the "engine stop" will shut off the steam and apply the brake or reverse, is, of course, optional with the operator, and hoisting with the "stop" in service is exactly as it was before as far as care or skill on the part of the engineer is concerned. It does not in any way interfere with any legitimate act of the engineer, but the moment he attempts to do anything wrong, it checks him. After the engine stop has

taken hold, the engineer must re-set the trigger-valve before he can release the brake, operate the reverse lever, or turn steam into the engine. Also, after re-setting the "stop," the brake will remain set until released. This company has also installed a new full-front horizontal tubular boiler of 150 horsepower, length 18 feet, diameter 72 inches, shell 7/16 inch, with 70 four-inch flues and metal stack 60 feet by 3 feet.

The Spring Valley Coal Company, during the past year, has been experimenting considerably with the long-wall chain type electric mining machine, operating two of these at their No. 1 mine. They have also installed, at this mine, an improved "Nicholson Engine Stop," and have rebuilt and re-arranged the incline which is used to convey the retail coal from the mine up to the retail yard on the hill, and have also put in a new track scale on a good concrete foundation. At the No. 5 mine, located at Dalzell, all of the boilers have been re-set and otherwise improved the interior of the boiler house. A new washhouse is in course of construction and will soon be ready for use by the employees. This mine had been idle for a long time and on that account no washhouse was built.

Through this report, I wish to thank each of the County Mine Inspectors for the splendid services and help rendered during the past fiscal year.

I wish to state further that at the beginning of the present year, the Board of Supervisors of Rock Island County appointed a County Mine Inspector, Mr. Thos. J. Mills, of Rock Island, thus giving the Second District a County Inspector for each county.

Fatal Accidents.

September 29, 1915, Mike Mehall, miner, age 56 years, married, was instantly killed by a fall of rock in No. 7 mine of the Alden Coal Company, Matherville, Mercer County. He leaves a widow and three children.

September 30, 1915, Alfred Secker, miner, age 37 years, single, was killed by a boulder falling from the roof of the T. H. Milan mine, Galesburg, Knox County.

September 30, 1915, Thomas Kilpatrick, miner, age 35 years, married, was killed in the Coal Valley Mining Company's No. 3 mine, Matherville, Mercer County, by a blast explosion. Deceased was drilling out a shot that had failed to explode, when, it is supposed the point of the drill passed through sulphur and ignited the powder. He leaves a widow and four children.

December 3, 1915, Alex Rosette, miner, age 32, married, was killed in the St. Paul Coal Company's No. 2 mine, Cherry, Bureau County, by falling rock. He leaves a widow and three children.

January 17, 1916, Axel E. Link, operator, age 43 years, married, fell down the shaft of the Link and Hagman mine, Matherville, Mercer County, and was instantly killed. Deceased was pushing an empty car to the cage, supposing it to be at the landing, when the car went down the shaft, he following it. He leaves a widow and nine children. This mine is now known as the Lee and Hagman mine.

March 22, 1916, Robert R. Raisbeck, miner, age 24 years, single, employed in the No. 3 mine, Coal Valley Mining Company, Matherville, Mercer County, was killed by a shot explosion. Deceased had prepared two dynamite shots, intending to fire them at noon. About 12 o'clock he lighted one fuse and tried to light the other but thought he had failed. When the first shot exploded, he went back to light the second and while reaching for the fuse the shot exploded.

April 25, 1916, Arthur Keiken, miner, age 32 years, married, was killed by being caught between a pit car and coal rib in the St. Paul Coal Company's Mine No. 2, Cherry, Bureau County. Deceased was driving this day and had come out with a trip of two cars. He was found crushed between the front end of first car and the coal rib, his head being against the rib and his hips against the car. He leaves a widow and two children.

Respectfully submitted,

Thomas H. Devlin,
State Inspector of Mines, Second District, Assumption, Ill.

FATAL CASUALTIES, SECOND DISTRICT, JUNE 30, 1916.

Date.	Name.	Age.	Occupation.	Residence.	Married.	Single.	Widow.	Children.	Dependents.	Cause of death.
1915										
Sept. 29	Mike Mehall	56	Miner	Matherville	1	..	1	3	4	Falling rock.
30	Alfred Secker	37	..do	Peoria	..	1	..	..	..	Falling rock.
30	Thomas Kilpatrick	35	..do	Matherville	1	..	1	4	5	Shot explosion.
Dec. 3	Alex. Rosette	32	..do	Sherry	1	..	1	3	4	Falling rock.
1916										
Jan. 17	Axel. E. Link	43	Operator	Matherville	1	..	1	9	10	Fell down shaft.
Mar. 22	Robt. R. Raisbeck	24	Miner	..do	..	1	..	..	..	Shot explosion.
Apr. 25	Arthur Keiken	32	Driver	Cherry	1	..	1	2	3	Caught between pit car and rib.
	Total	..			5	2	5	21	26	

RECAPITULATION OF FATAL ACCIDENTS, SECOND DISTRICT, 1916.

Residence.	No.	Occupation.	No.	Cause of accident.	No.	Colliery.	No.
Cherry	2	Driver	1	Caught between pit car and rib	1	Alden Coal Co	1
Matherville	4	Miners	5	Falling rock	3	Coal Valley Mining Co	2
Peoria	1	Operator	1	Fell down shaft	1	Lee & Hagman	1
				Shot explosion	2	Milan, T. H.	1
						St. Paul Coal Co	2
Total	7		7		7		7

NONFATAL CASUALTIES, SECOND DISTRICT, JUNE 30, 1916.

Date.	Name.	Age.	Residence.	Married.	Single.	Children.	Dependents.	Character of injury and cause of accident.	Time lost—days.
1915									
July 1	James Tomasso	40	Ladd	1	..	....	1	Leg broken, falling coal	121
19	Tony Caveglia	47	Dalzell	..	1	....	....	Hand injured, falling rock	42
Aug. 6	Peter Clinton	62	Springvalley	1	..	6	7	Arm broken, falling rock	108
20	Fred Bentivelli	28	Cherry	..	1	....	....	Finger broken, falling rock	68
Sept. 2	Henry McIntire	61	Matherville	1	..	....	1	Foot injured, falling coal	60
2	Carlo Gherardini	40	Ladd	1	..	....	1	Head injured, falling rock	77
5	Alex. Denoski	32	Springvalley	..	1	....	....	Finger injured, falling prop	49
13	Balic Zaremba	29	..do	..	1	....	....	Finger injured, falling rock	52
22	Angelo Palmero	26	..do	..	1	....	....	Hand injured, falling rock	23
22	Emil Drens	40	Cherry	1	..	2	2	Foot injured, falling rock	34
23	Jas. Picco	26	..do	1	..	2	3	Arm injured, falling coal	32
Oct. 2	Wm. Ambrose	21	Springvalley	..	1	....	....	Body injured, kicked by mule	30
6	Martin Margherio	55	..do	1	..	....	1	Finger injured, falling coal	54
7	John Grevetta	50	..do	1	..	5	6	Hand injured, falling rock	31
8	John Lynch	55	..do	1	..	....	1	Leg injured, falling coal	32
18	Joe Leomzetti	40	..do	..	1	....	....	Leg injured, falling coal	106
23	Isidor Corpus	48	Cherry	1	..	....	1	Hand injured, falling rock	*
25	Herman Konat	50	Springvalley	1	..	2	3	Leg injured, falling rock	33
27	John Franki	55	Cherry	1	..	3	4	Finger injured, falling rock	50
Nov. 1	John Pedro	40	Ladd	1	..	....	1	Head injured, falling rock	32
2	John Boraska	20	Springvalley	..	1	....	....	Arm injured, pit car	84
5	Battista Rovetto	23	..do	..	1	....	....	Leg broken, falling coal	*
5	Jule Perard	18	Cherry	..	1	....	....	Foot injured, caught in frog	47
5	John Romanetti	30	..do	1	..	3	4	Body injured, cage descending	46
5	Jos. Bernardini	32	..do	..	1	....	....	..do	136
5	Olante Ilante	23	..do	1	..	....	1	..do	182

NONFATAL CASUALTIES, SECOND DISTRICT, JUNE 30, 1916—continued.

Date.		Name.	Age.	Residence.	Married.	Single.	Children.	Dependents.	Character of injury and cause of accident.	Time lost—days.
1915										
Nov.	5	John Baschiere	42	Cherry	1	..	4	5	Body injured, cage descending	192
	15	Ben Johnson	56	Matherville	1	..	3	4	Body injured, falling coal	110
	16	Ottila Selina	27	Springvalley	..	1	..	..	Arm injured, pit car	34
	18	Midardi Pozzi	34	Cherry	1	..	4	5	Back injured, pick	34
	22	Pat Reiley	56	..do	1	..	5	5	Arm injured, falling rock	33
	26	Jas. Varra	34	Springvalley	1	..	3	4	Foot injured, falling rock	30
	26	Cere Baschiere	29	Cherry	1	..	3	4	Leg injured, lifting coal	52
Dec.	3	Enrica Corrazzi	46	..do	1	..	4	5	Eye injured, flying coal	37
	4	Alf Guccini	50	..do	1	..	2	3	Body injured, falling rock	52
	8	Angelo Partel	30	Springvalley	1	..	2	3	Foot injured, falling rock	67
	17	Peter Picco	30	..do	..	1	..	..	Leg injured, cage descending	31
	22	Sam Data	22	Ladd	..	1	..	..	Foot broken, falling rock	56
	22	Charles Hill	33	Springvalley	1	..	2	3	Body injured, pit car	*
1916										
Jan.	3	Harry Volant	19	Ladd	..	1	..	..	Arm broken, pit car	54
	4	Jack carbali	24	Cherry	..	1	..	..	Finger injured, pit car	49
	6	Gerolini Serfontini	40	Ladd	1	..	..	1	Foot injured, falling rock	80
	9	John Trompinski	38	Springvalley	..	1	..	..	Leg broken, box car	91
	10	Tonly La Fordi	45	Ladd	1	..	..	1	Foot injured, pit car	47
	14	Joe Belletine	49	Cherry	1	..	3	4	Body injured, pit car	63
	15	Chas. Galette	19	..do	..	1	..	..	Finger injured, pit car	115
	15	Gasper Freggio	32	Springvalley	1	..	2	3	Head injured, falling rock	46
	17	Guitano Bernadina	42	Dalzell	1	..	2	3	Back injured, falling coal	*
	17	Peter Fornelli	52	Springvalley	1	..	3	4	Leg injured, cage descending	*
	17	R. Cirincione	38	..do	1	..	4	5	Body injured, cage descending	*
	17	V. Calvaletto	36	..do	1	..	2	3	..do	106
	17	Abe Massini	32	Cherry	1	..	2	3	Ankle injured, falling rock	95
	31	Jas. Carson, Jr.	33	..do	..	1	..	..	Foot injured, pit car	36
	31	Peter Marcavitch	34	Springvalley	..	1	..	..	Shoulder injured, falling coal	*
Feb.	9	Emile Groze	43	Cherry	..	1	..	..	Finger injured, falling rock	47
	10	Otilla Cousina	35	..do	1	..	2	3	Back injured, lifting car	72
	11	Martin Carney	60	Springvalley	1	..	4	5	Hand injured, falling rock	33
	12	John Pugl	30	..do	..	1	..	..	Head injured, falling rock	*
	16	Daniel Dougherty	60	..do	..	..	1	2	Ankle injured, falling rock	*
	16	Mario Tamari	32	Dalzell	1	..	..	1	Eye injured, flying coal	48
	23	Santo Palmeri	45	..do	1	..	3	4	Foot injured, falling coal	*
	26	John Metrick, Jr.	17	Cherry	..	1	..	..	Toe broken, pit car	31
	28	Carlo Odell	29	Springvalley	1	..	..	1	Foot injured, pit car	41
	29	Olgot Johnson	60	Cherry	1	..	1	2	Body injured, pit car	45
Mar.	2	Barney Toulett	45	Springvalley	..	1	..	..	Foot injured, falling rock	34
	6	Chris. Milsavitch	43	..do	1	..	3	4	Body injured, falling coal	130
	10	Battista Turchi	48	..do	1	..	4	5	Finger injured, falling rock	*
	13	Adam Lapinski	35	..do	1	..	2	3	Body injured, cage descending	69
	13	Henry Hays	41	..do	1	..	..	1	Leg injured, cage descending	50
	13	Frank Thorn	45	..do	..	1	..	..	Body injured, cage descending	31
	13	Tom Dalta	50	..do	1	..	2	3	..do	*
	13	Charles Pomatto	35	..do	1	..	2	3	Leg injured, cage descending	50
	13	Luiggi Antonacci	24	..do	1	..	2	3	Back injured, falling rock	*
	13	Paul Baltramini	30	..do	1	..	2	3	Foot injured, falling rock	57
	16	Arthur Cullen	53	Cherry	1	..	3	4	Foot injured, falling rock	31
	18	Ezio Zaccaute	29	..do	..	..	..	1	Body injured, pit car	*
	21	John Lauer	32	Springvalley	1	..	2	3	Foot injured, pit car	31
	23	John Shanovitch	40	..do	1	..	4	5	Leg injured, falling rock	*
Apr.	3	John Dougherty	23	..do	..	1	..	..	Finger injured, falling rock	70
	4	Tom Belski	23	..do	..	1	..	..	Finger injured, tail chain	50
	5	Albano Sabbattini	45	Ladd	1	..	..	1	Back injured, falling rock	*
	18	Anton Gherardini	40	Cherry	1	..	2	3	Finger injured, pit car	37
	22	Errico Tammari	33	..do	1	..	2	3	Body injured, falling rock	*
	24	C. Germolowic	56	Springvalley	1	..	1	2	Hand injured, falling rock	*
	29	John Vikusich	56	Cherry	1	..	..	1	Body injured, pit car	*
May	4	John Rastigo	26	Ladd	1	..	2	1	Fingers injured, lifting car	39
	13	John Barr	27	Cherry	..	1	..	..	Toes injured, pit car	37
	20	Paul Martaus	38	Springvalley	1	..	2	3	Body injured, pick	*
	23	Pat Donavan	27	Cherry	..	1	..	..	Arm injured, pit car	*
	23	Walter Nauris	18	..do	..	1	..	..	Finger injured, falling rock	*
	24	tany Stopples	35	Springvalley	1	..	3	4	Head injured, falling rock	*
	26	Aldo Guiderini	18	Cherry	..	1	..	..	Foot injured, pit car	*
June	5	Joe Boggio	31	Springvalley	1	..	4	5	Back injured, fallng coal	*
	8	Anton Grumpinski	66	..do	1	..	7	8	Eye injured, flying coal	*
	10	Andrew Waskiewicz	45	..do	1	..	..	1	Shoulder injured, fall.ng coal	*
	17	Stine tarmuski	30	..do	..	1	..	..	Arm injured, falling coal	*
	22	Mike Shemkus	67	..do	1	..	6	7	Collar bone broken, falling rock	*

NONFATAL CASUALTIES, SECOND DISTRICT, JUNE 30, 1916—concluded.

Date.	Name.	Age.	Residence.	Married.	Single.	Children.	Dependents.	Character of injury and cause of accident.	Time lost—days.
1916									
June 22	Alex Verbiski	36	Springvalley	1	..	2	3	Hand injured, pit car	*
24	Odon Carreaux	49	..do	1	..	2	3	Rib broken, falling coal	*
	Total	..		67	32	143	206		

* Not returned to work July 1, 1916.

Number injured 99
Number not returned to work 31

Number returned 68

Time lost by men returned, days 4,082
Average days lost by men returned 60.03

RECAPITULATION OF NONFATAL ACCIDENTS, SECOND DISTRICT, 1916.

Residence.	No.	Occupation.	No.	Cause of accident.	No.	Colliery.	No.
Cherry	33	Cagers	2	Cage descending	13	Alden Coal Co	1
Dalzell	4	Drivers	10	Caught in switch	1	Coal Valley Mining Co	1
Ladd	9	Laborers	9	Falling coal	16	Illinois 3d Vein C. Co	8
Matherville	2	Miners	76	Falling prop	1	St. Paul Coal Co	34
Springvalley	51	Spraggers	2	Falling rock	37	Springvalley Coal Co	55
				Flying coal	3		
				Lifting weight	3		
				Mule, kicked by	1		
				Pick, struck by	2		
				Pit cars	20		
				Railway cars	1		
				Tail chain	1		
Total	99		99		99		99

RECAPITULATION OF NONFATAL CASUALTIES, NATURE OF INJURIES, CONJUGAL RELATIONS, AND TIME LOST, SECOND DISTRICT, 1916.

Nature of injuries.	Number.	Married.	Single.	Children.	Dependents.	Time lost—days. Total.	Time lost—days. Average.	Percentage of injuries.
Ankles injured[1]	2	2	.....	3	5	95	95.00	2.02
Arms broken	2	1	1	6	7	162	81.00	2.02
Arms injured[2]	6	2	4	7	8	183	45.75	6.06
Backs injured[4]	6	6	.....	14	20	106	53.00	6.06
Bodies injured[5]	20	17	3	35	52	1,192	91.69	20.21
Collar bone broken[1]	1	1	.....	6	7	.....	.....	1.01
Eyes injured[1]	3	3	.....	11	14	85	42.50	3.03
Feet broken	1	.....	1	.....	.....	56	56.00	1.01
Feet injured[2]	15	11	4	17	27	595	43.77	15.15
Finger broken	1	.....	1	.....	.....	68	68.00	1.01
Fingers injured[2]	13	5	8	11	14	612	55.64	13.13
Hands injured[3]	6	4	2	8	12	106	35.33	6.06
Heads injured[2]	6	5	1	9	14	188	47.00	6.06
Legs broken[1]	3	1	2	.....	1	212	106.00	3.03
Legs injured[2]	9	7	2	14	21	354	50.57	9.09
Ribs broken[1]	1	1	.....	2	3	.....	.....	1.01
Shoulders injured[3]	2	1	1	.....	1	.....	.....	2.02
Toes broken	1	.....	1	.....	.....	31	31.00	1.01
Toes injured	1	.....	1	.....	.....	37	37.00	1.01
Total	99	67	32	143	206	4,082	60.03	100.00

[1] One not returned to work.
[2] Two not returned to work.
[3] Three not returned to work.
[4] Four not returned to work.
[5] Seven not returned to work.

BUREAU COUNTY,

Number.	Name of operator.	Post-office address of the mine.	Output of mines in tons. Mine run.	Lump.	Other grades.	Total.	Tons loaded on cars for shipment.
	SHIPPING MINES.						
1	St. Paul Coal Co., No. 2	Cherry	7,317	310,644	81,729	399,690	.....
2	Springvalley Coal Co., No. 3	Springvalley	312	256,588	53,193	310,093	35,510
3	Springvalley Coal Co., No. 1	..do	31,701	219,363	39,972	291,036	32,409
4	Illinois Third Vein Coal Co., No. 1	Ladd	29,434	129,504	42,539	201,477	20,333
5	Springvalley Coal Co., No. 5	Dalzell	930	74,849	15,235	91,014	.....
	Total		69,694	990,948	232,668	1,293,310	88,252
	LOCAL MINES.						
1	D. C. Brandt	Mineral	3,113	.....	.....	3,113	.....
2	T. H. Wilkinson	Sheffield	1,859	.....	300	2,159	.....
	Total		4,972	.....	300	5,272	.....
	Total—7 mines		74,666	990,948	232,968	1,298,582	88,252

Mines in 1915, 8. Abandoned mines, 1. Mines in 1916, 7.

HENRY COUNTY,

	LOCAL MINES.						
1	North East Coal Co	Kewanee	8,060	.....	.....	8,060	.....
2	Atkinson Bros	Cambridge	1,658	3,165	192	5,015	.....
3	Waterloo Coal Co	Kewanee	.....	4,210	744	4,954	.....
4	Hintz Bros	Geneseo	600	4,320	.....	4,920	.....
5	Arthur Ratcliffe	Kewanee	.....	3,530	705	4,235	.....
6	Grice Coal Co	..do	.....	3,024	1,005	4,029	.....
7	Kewanee Cooperative Coal Co	..do	.....	2,881	700	3,581	.....
8	Henry Coal Co	..do	1,196	2,320	.....	3,516	.....
9	Peterson & Lamb	..do	.....	2,693	350	3,043	.....
10	North Main Coal Co	..do	436	2,144	210	2,790	.....
11	Stricher & Stuhlsotz	..do	.....	2,489	250	2,739	.....
12	Joseph Engel & Son	..do	.....	2,520	.....	2,520	.....
13	J. W. Endres	..do	.....	617	.....	617	.....
	Total		11,950	33,913	4,156	50,019	.....

Mines reported for 1915, 15. Abandoned mines, 2. Mines in 1916, 13.

KNOX COUNTY,

	LOCAL MINES.						
1	T. H. Milan	Galesburg	.....	3,543	725	4,268	.....
2	Dan Pearson	Rapatee	.....	2,000	.....	2,000	.....
3	Chas. Folkenroth	Middle Grove	.....	1,425	50	1,475	.....
4	H. Taylor	Wataga	200	1,000	160	1,360	.....
5	G. A. Rice	Victoria	.....	1,200	.....	1,200	.....
6	Layhes & McGovern	Oneida	1,200	.....	.....	1,200	.....
7	Ed Horkstrom	Victoria	1,160	.....	.....	1,160	.....
8	Fennell & Wilkie	Middle Grove	880	.....	36	916	.....
9	James Matson	Victoria	.....	404	.....	404	.....
10	Clyde Morse	Middle Grove	400	.....	.....	400	.....
11	Chas. Morgan	Oneida	400	.....	.....	400	.....
12	A. J. Nelson	Knoxville	.....	380	10	390	.....
13	Rodell & Mitchell	Wataga	.....	240	120	360	.....

SECOND DISTRICT, 1916.

Disposition of output.				Kegs of powder used for blasting coal.	Pounds of permissible explosives used.	Days of active operation.	Total number employed.	Tons mined.		Mining machines—number in use.	Accidents.		Number of motors in use.	Number of animals under ground.	Number.
Tons supplied to locomotives at the mines.	Tons sold to railroad companies and loaded on cars.	Tons sold to local trade.	Tons consumed or wasted at the mines.					By hand.	By machine.		Killed.	Injured.			
.....	376,517	4,825	18,348	.....	2,696	255	770	399,690	.....	....	2	34	....	70	1
.....	264,743	.....	9,840	.....	.....	210	605	310,093	.....	....	....	11	....	92	2
10,494	228,619	10,990	8,524	.....	.....	208	648	268,816	22,220	2	....	39	....	99	3
22,800	134,342	9,618	14,384	.....	.....	191	542	201,477	.....	....	....	8	....	89	4
.....	84,413	930	5,671	.....	.....	103	246	91,014	.....	....	....	5	2	47	5
33,294	1,088,634	26,363	56,767	.....	2,696	193	2,811	1,271,090	22,220	2	2	97	2	397	
.....	.....	3,043	70	.....	.....	300	9	3,113	.....	....	....	....	....	....	1
.....	.....	1,859	300	.....	.....	240	7	2,159	.....	....	....	....	....	....	2
.....	.....	4,902	370	.....	.....	270	16	5,272	.....	....	....	....	....	....	
33,294	1,088,634	31,265	57,137	.....	2,696	215	2,827	1,276,362	22,220	2	2	97	2	397	

SECOND DISTRICT, 1916.

.....	.....	7,500	560	.....	.....	253	12	8,060	.....	....	....	....	....	....	1
.....	.....	5,015	.....	.....	.....	250	5	5,015	.....	....	....	....	....	....	2
.....	.....	4,954	.....	.....	.....	252	9	4,954	.....	....	....	....	....	....	3
.....	.....	4,920	.....	82	.....	240	9	4,920	.....	....	....	....	....	....	4
.....	.....	4,070	165	.....	.....	285	7	4,235	.....	....	....	....	....	....	5
.....	.....	3,529	500	.....	.....	284	11	4,029	.....	....	....	....	....	....	6
.....	.....	2,881	700	.....	.....	240	8	3,581	.....	....	....	....	....	....	7
.....	.....	3,516	.....	.....	.....	200	14	3,516	.....	....	....	....	....	....	8
.....	.....	2,693	350	.....	.....	200	7	3,043	.....	....	....	....	....	....	9
.....	.....	2,680	110	.....	.....	188	6	2,790	.....	....	....	....	....	....	10
.....	.....	2,739	.....	.....	.....	180	8	2,739	.....	....	....	....	....	....	11
.....	.....	2,520	.....	.....	.....	200	16	2,520	.....	....	....	....	....	....	12
.....	.....	617	.....	.....	.....	132	4	617	.....	....	....	....	....	....	13
.....	.....	47,634	2,385	82	.....	223	116	50,019	.....	....	....	....	....	....	

SECOND DISTRICT, 1916.

.....	.....	4,068	200	150	.....	150	8	4,268	.....	....	1	....	....	....	1
.....	.....	2,000	.....	150	.....	150	5	2,000	.....	....	....	....	....	....	2
.....	.....	1,425	50	200	.....	175	3	1,475	.....	....	....	....	....	....	3
.....	.....	1,360	.....	.....	.....	275	4	1,360	.....	....	....	....	....	....	4
.....	.....	1,200	.....	.....	.....	50	4	1,200	.....	....	....	....	....	....	5
.....	.....	1,150	50	.....	.....	150	6	1,200	.....	....	....	....	....	....	6
.....	.....	1,160	.....	.....	.....	150	4	1,160	.....	....	....	....	....	....	7
.....	.....	880	36	35	.....	160	3	980	.....	....	....	....	....	....	8
.....	.....	404	.....	.....	.....	160	3	404	.....	....	....	....	....	....	9
.....	.....	400	.....	40	.....	200	2	400	.....	....	....	....	....	....	10
.....	.....	400	.....	.....	.....	100	3	400	.....	....	....	....	....	....	11
.....	.....	380	10	.....	.....	165	4	390	.....	....	....	....	....	....	12
.....	.....	240	120	.....	.....	260	8	360	.....	....	....	....	....	....	13

KNOX COUNTY, SECOND

Number.	Name of operator.	Post-office address of the mine.	Output of mines in tons. Mine run.	Lump.	Other grades.	Total.	Tons loaded on cars for shipment.
14	Chas. Gladfelter	Victoria		350		350	
15	F. W. White	..do		342		342	
16	N. C. Anderson	Knoxville		280	20	300	
17	Nels C. Norburg	Victoria	285			285	
18	Ed. Peterson	..do		245		245	
19	Geo. & Chas. Horkstrom	..do	60			60	
20	Peter Clary	Middle Grove		25		25	
	Total—20 mines		4,585	11,434	1,121	17,140	

Mines in 1915, 19. New mines, 4. Abandoned mines, 3. Mines in 1916,20.

MERCER COUNTY,

Number.	Name of operator.	Post-office address of the mine.	Mine run.	Lump.	Other grades.	Total.	Tons loaded on cars for shipment.
	SHIPPING MINES.						
1	Coal Valley Mining Co., No. 3	Matherville	2,011	47,955	120,750	170,716	72,125
2	Alden Coal Co., No. 7	..do	2,907	31,428	85,312	119,647	73,184
3	Coal Valley Mining Co., No. 2	Sherrard	618	12,078	33,789	46,485	11,628
	Total		5,536	91,461	239,851	336,848	156,937
	LOCAL MINES.						
1	Hydraulic Press Brick Co	Aledo	8,350			8,350	
2	W. P. Williams	..do	2,611			2,611	
3	Docherty Bros	Pre-emption		2,400	200	2,600	
4	James Blaine	Viola		971	20	991	
5	Swan Young	New Windsor	900			900	
6	Bryan B. Peterson	Cable		653		653	
7	R. W. Peterson	Aledo	631			631	
8	Lee & Hagman	Matherville	15	340	20	375	
9	J. M. Brown	Viola		50		50	
	Total		12,507	4,414	240	17,161	
	Total—12 Mines		18,043	95,875	240,091	354,009	156,937

Mines in 1915, 12. New mines, 2. Abandoned mines, 2. Mines in 1916, 12.

ROCK ISLAND COUNTY,

Number.	Name of operator.	Post-office address of the mine.	Mine run.	Lump.	Other grades.	Total.	Tons loaded on cars for shipment.
	LOCAL MINES.						
1	Pryce Coal Co	Coal Valley	12,450			12,450	
2	Poston & Stoehr	Moline		3,748	937	4,685	
3	Baraks Bros. & Kuhlman	Coal Valley	3,118			3,118	
4	Summerson & Sievers	..do		1,688	845	2,533	
5	Fredrick & Gramenz	..do	70	1,969	440	2,479	
6	Stoehr & Schadt Coal Co	Carbon Cliff	1,322			1,322	
7	Jameson & Irwin	Moline	1,160			1,160	
8	Cook & Oltman	Hampton		560		560	
9	Stone Bros	Moline		500	50	550	
10	August Von Ach	Hampton		460	40	500	
11	Lair & Schroder	Moline		300	50	350	
12	Donahoo Coal Co	Coal Valley	125	79	26	230	
	Total—12 mines		18,245	9,304	2,388	29,937	

Mines in 1915, 10. New mines, 2. Mines in 1916, 12.

DISTRICT, 1916—concluded.

Disposition of output.				Kegs of powder used for blasting coal.	Pounds of permissible explosives used.	Days of active operation.	Total number employed.	Tons mined.		Mining machines—number in use.	Accidents.		Number of motors in use.	Number of animals under ground.	Number.
Tons supplied to locomotives at the mines.	Tons sold to railroad companies and loaded on cars.	Tons sold to local trade.	Tons consumed or wasted at the mines.					By hand.	By machine.		Killed.	Injured.			
.....	.....	350	.....	.....	.....	100	4	350	.....	....	....	....	....	....	14
.....	.....	342	.....	.....	.....	150	2	342	.....	....	....	....	....	....	15
.....	.....	295	5	.....	.....	100	2	300	.....	....	....	....	....	....	16
.....	.....	285	.....	.....	.....	90	7	285	.....	....	....	....	....	....	17
.....	.....	245	.....	.....	.....	72	4	245	.....	....	....	....	....	....	18
.....	.....	35	25	.....	.....	50	2	60	.....	....	....	....	....	....	19
.....	.....	25	.....	.....	.....	15	4	25	.....	....	....	....	....	....	20
.....	.....	16,644	496	575	.....	136	82	17,140	.....	....	1	....	....	....	

SECOND DISTRICT, 1916.

.....	91,451	.....	7,140	10,978	6,857	239	196	170,716	.....	....	2	1	....	18	1
.....	45,526	.....	937	7,937	.....	217	176	119,647	.....	....	1	1	2	20	2
466	26,677	2,036	5,678	2,275	.....	247	51	46,485	.....	....	....	....	....	6	3
466	163,654	2,036	13,755	11,190	6,857	234	423	336,848	.....	....	3	2	2	44	
.....	.....	8,250	100	400	.....	286	10	8,350	.....	....	....	....	....	....	1
.....	.....	2,611	.....	177	.....	118	3	2,611	.....	....	....	....	....	....	2
.....	.....	2,400	200	150	.....	190	11	2,600	.....	....	....	....	....	....	3
.....	.....	991	.....	83	.....	198	4	991	.....	....	....	....	....	....	4
.....	.....	900	.....	.....	.....	240	2	900	.....	....	....	....	....	....	5
.....	.....	653	.....	56	.....	116	4	653	.....	....	....	....	....	....	6
.....	.....	631	.....	100	.....	100	6	631	.....	....	....	....	....	....	7
.....	.....	375	.....	35	.....	75	4	375	.....	....	1	....	....	....	8
.....	.....	45	5	3	.....	15	1	50	.....	....	....	....	....	....	9
.....	.....	16,856	305	1,004	.....	149	45	17,161	.....	....	1	....	....	....	
466	163,654	18,892	14,060	12,194	6,857	170	468	354,009	.....	....	4	2	2	44	

SECOND DISTRICT, 1916.

.....	.....	8,000	4,450	200	.....	100	30	1,000	11,450	1	....	....	....	....	1
.....	.....	4,535	150	200	.....	200	11	4,685	.....	....	....	....	....	....	2
.....	.....	2,728	390	300	.....	170	8	3,118	.....	....	....	....	....	....	3
.....	.....	2,230	303	240	.....	95	8	2,533	.....	....	....	....	....	....	4
.....	.....	2,345	134	210	.....	200	6	2,479	.....	....	....	....	....	....	5
.....	.....	1,272	50	125	.....	200	3	1,322	.....	....	....	....	....	....	6
.....	.....	1,160	.....	120	.....	196	5	1,160	.....	....	....	....	....	....	7
.....	.....	560	.....	10	.....	150	3	560	.....	....	....	....	....	....	8
.....	.....	550	.....	20	.....	90	2	550	.....	....	....	....	....	....	9
.....	.....	486	14	12	.....	180	3	500	.....	....	....	....	....	....	10
.....	.....	350	.....	10	.....	60	2	350	.....	....	....	....	....	....	11
.....	.....	230	.....	15	.....	38	2	230	.....	....	....	....	....	....	12
.....	.....	24,446	5,491	1,462	.....	140	83	18,487	11,450	1	....	....	....	....	

STARK COUNTY,

Number.	Name of operator.	Post-office address of the mine.	Output of mines in tons.				Tons loaded on cars for shipment.
			Mine run.	Lump.	Other grades.	Total.	
	LOCAL MINES.						
1	Waite Bros.	Wyoming	171	3,882	250	4,303	.....
2	T. T. McDaniel	..do	100	2,639	1,000	3,739	.....
3	James Scott	..do	.....	1,600	100	1,700	.....
4	L. C. Higbee	..do	80	480	280	840	.....
5	Geo. D. Boardman	Toulon	750	.....	.....	750	.....
6	C. J. Newton	..do	.....	662	.....	662	.....
7	Mike Beeman	Wyoming	600	.....	.....	600	.....
8	Curtis & Adleman	..do	.....	400	.....	400	.....
9	Alfred E. Catton	LaFayette	.....	280	70	350	.....
10	Henry Roberts	Wyoming	.....	162	25	187	.....
	Total—10 mines		1,701	10,105	1,725	13,531	.....

Mines in 1915, 7. New mines, 3. Mines in 1916, 10.

WARREN COUNTY,

	LOCAL MINES.						
1	Gilmore & Houston	Alexis	.....	2,800	200	3,000	.....
2	Willis Clayton	Avon	.....	800	.....	800	.....
3	H. J. Rohr	Alexis	.....	500	80	580	.....
4	J. G. Lee	Youngstown	.....	420	.....	420	.....
5	Thos. Caldwell & Son	Avon	.....	400	.....	400	.....
6	Bryner Bros	Roseville	.....	240	.....	240	.....
	Total—6 mines		.....	5,160	280	5,440	.....

Mines reported for 1915, 7. Abandoned mines, 1. Mines in 1916. 6.

SECOND DISTRICT, 1916.

Disposition of output.				Kegs of powder used for blasting coal.	Pounds of permissible explosives used.	Days of active operation.	Total number employed.	Tons mined.		Mining machines—number in use.	Accidents.		Number of motors in use.	Number of animals under ground.	Number.
Tons supplied to locomotives at the mines.	Tons sold to railroad companies and loaded on cars.	Tons sold to local trade.	Tons consumed or wasted at the mines.					By hand.	By machine.		Killed.	Injured.			
.....	.....	4,053	250	200	.....	200	10	4,303	.....	....	....	....	....	....	1
.....	.....	3,039	700	150	.....	190	8	3,739	.....	....	....	....	....	....	2
.....	.....	1,600	100	100	.....	200	6	1,700	.....	....	....	....	....	....	3
.....	.....	560	280	50	.....	100	7	840	.....	....	....	....	....	....	4
.....	.....	750	.....	.....	.....	225	4	750	.....	....	....	....	....	....	5
.....	.....	662	.....	13	.....	109	3	662	.....	....	....	....	....	....	6
.....	.....	600	.....	8	.....	160	2	600	.....	....	....	....	....	....	7
.....	.....	400	.....	6	.....	150	2	400	.....	....	....	....	....	....	8
.....	.....	282	68	90	.....	287	7	350	.....	....	....	....	....	....	9
.....	.....	187	.....	34	.....	47	4	187	.....	....	....	....	....	....	10
.....	.....	12,133	1,398	651	.....	167	53	13,531	.....	....	....	....	....	....	

SECOND DISTRICT, 1916.

.....	.....	2,900	100	215	.....	200	5	3,000	.....	....	....	....	....	....	1
.....	.....	800	.....	.....	.....	130	4	800	.....	....	....	....	....	....	2
.....	.....	580	.....	50	.....	100	4	580	.....	....	....	....	....	....	3
.....	.....	400	20	.....	.....	150	2	420	.....	....	....	....	....	....	4
.....	.....	400	.....	.....	.....	208	2	400	.....	....	....	....	....	....	5
.....	.....	240	.....	.....	.....	78	3	240	.....	....	....	....	....	....	6
.....	.....	5,320	120	265	.....	144	20	5,440	.....	....	....	....	....	....	

RECAPITULATION BY COUNTIES, SECOND DISTRICT, 1916.

	Bureau.	Henry.	Knox.	Mercer.	Rock Island.	Stark.	Warren.	Total.
Number of mines	7	13	20	12	12	10	6	80
Shipping	5	.....	.....	3	.....	.....	.....	8
Local	2	13	20	9	12	10	6	72
Production in tons	1,298,582	50,019	17,140	354,009	29,937	13,531	5,440	1,768,658
Shipping	1,293,310	.....	.....	336,848	.....	.....	.....	1,630,158
Local	5,272	50,019	17,140	17,161	29,937	13,531	5,440	138,500
Mine run	74,666	11,950	4,585	18,043	18,245	1,701	5,160	134,350
Shipping	69,694	.....	.....	5,536	.....	.....	.....	75,230
Local	4,972	11,950	4,585	12,507	18,245	1,701	5,160	59,120
Lump	990,948	33,913	11,434	95,875	9,304	10,105	.....	1,151,579
Shipping	990,948	.....	.....	91,461	.....	.....	.....	1,082,409
Local	.....	33,913	11,434	4,414	9,304	10,105	.....	69,170
Other grades	232,968	4,156	1,121	240,091	2,388	1,725	280	482,729
Shipping	232,668	.....	.....	239,851	.....	.....	.....	472,519
Local	300	4,156	1,121	240	2,388	1,725	280	10,210
Disposition of output	1,298,582	50,019	17,140	354,009	29,937	13,531	.....	1,768,658
Loaded on cars for shipment	88,252	.....	.....	156,937	.....	.....	.....	245,189
Other purposes	1,210,330	50,019	17,140	197,072	29,937	13,531	5,440	1,523,469
Shipping	1,205,058	.....	.....	179,911	.....	.....	.....	1,384,969
Local	5,272	50,019	17,140	17,161	29,937	13,531	5,440	138,500
Kegs of powder used, blasting coal	.....	82	575	12,194	1,462	651	265	15,229
Shipping	.....	.....	.....	11,190	.....	.....	.....	11,190
Local	.....	82	575	1,004	1,462	651	265	4,039
Days of active operation (average)	215	223	136	170	140	167	144	168
Shipping	193	.....	.....	234	.....	.....	.....	209
Local	270	223	136	149	140	167	144	164
Employees	2,827	116	82	468	83	53	20	3,649
Shipping	2,811	.....	.....	423	.....	.....	.....	3,234
Local	16	116	82	45	83	53	20	415
Under ground	2,654	99	74	414	69	42	18	3,370
Shipping	2,641	.....	.....	379	.....	.....	.....	3,020
Local	13	99	74	35	69	42	18	350
Above ground	173	17	8	54	14	11	2	279
Shipping	170	.....	.....	44	.....	.....	.....	214
Local	3	17	8	10	14	11	2	65
Tons mined by hand	1,276,362	50,019	17,140	354,009	18,487	13,531	5,440	1,734,988
Shipping	1,271,090	.....	.....	336,848	.....	.....	.....	1,607,938
Local	5,272	50,019	17,140	17,161	18,487	13,531	5,440	127,050
Tons mined by machine	22,220	.....	.....	.....	11,450	.....	.....	33,670
Shipping	22,220	.....	.....	.....	.....	.....	.....	22,220
Local	.....	.....	.....	.....	11,450	.....	.....	11,450
Number of machines in use	2	.....	.....	.....	1	.....	.....	3
Shipping	2	.....	.....	.....	.....	.....	.....	2
Local	.....	.....	.....	.....	1	.....	.....	1

RECAPITULATION BY COUNTIES, SECOND DISTRICT, 1916—concluded.

	Bureau.	Henry.	Knox.	Mercer.	Rock Island.	Stark.	War-ren.	Total.
Number of motors in use	2	2	.....	.....	.....	.....	.....	4
Number killed	2	4	1	.....	.....	.....	.....	7
Shipping	2	4	.....	.....	.....	.....	.....	6
Local	.....	.....	1	.....	.....	.....	.....	1
Number injured	97	2	.....	.....	.....	.....	.....	99
Shipping	97	2	.....	.....	.....	.....	.....	99
Local	.....	.....	.....	.....	.....	.....	.....	.....

Whole number of mines reported for 1915, 78.
Number of new mines opened during the year, 11.
Number of mines abandoned during the year, 9.
Whole number of mines reported for 1916, 80.

THIRD INSPECTION DISTRICT—1916.

COUNTIES—MARSHALL, MENARD, PEORIA, PUTNAM, TAZEWELL AND WOODFORD.
GEORGE L. MORGAN, *Inspector.*

Hon. J. F. Morris, Chief Clerk, State Mining Board, Springfield.

SIR: Complying with section 5 of the General Mining Law of Illinois, I submit herewith the annual report of the coal producing counties of Marshall, Menard, Peoria, Putnam, Tazewell and Woodford.

SUMMARY OF THE ITEMS IN THE REPORT.

Number of counties producing coal	6
Number of shipping mines	22
Number of local mines	71
Number of new or reopened mines	10
Number of closed or abandoned mines	11
Number of miners	3,581
Others under ground, men	1,049
Boys under ground	106
Boys above ground	3
Others above ground	436
Total number of employees	5,175
Total tons of coal produced	3,064,668
Days of active operation, all mines	172
Kegs of powder used for blasting coal	95,704
Tons of coal shipped	1,531,677
Tons supplied to locomotives	77,150
Tons sold to railroad companies	1,088,320
Tons sold to local trade	283,020
Tons consumed and wasted at mines	84,501
Number of fatal accidents	3
Number of nonfatal accidents	79
Number of employees to each fatal accident	1,725
Number of employees to each nonfatal accident	66
Tons of coal produced to each fatal accident	1,021,556
Tons of coal produced to each nonfatal accident	38,793
Ratio of fatal accidents per 1,000 employees	.58

The following table gives the total tonnage by counties, for the years 1915 and 1916, with increase or decrease:

Counties.	Total output—tons—1915.	Total output—tons—1916.	Increase.	Decrease.
Marshall	390,408	437,960	47,552	
Menard	43,039	163,190	120,151	
Peoria	1,100,749	1,319,551	218,802	
Putnam	624,713	648,802	24,089	
Tazewell	323,632	310,082		13,550
Woodford	169,797	185,083	15,286	
Total	2,652,338	3,064,668	425,880	13,550
Net			412,330	

New Mines.

The following are the new or reopened mines:

Marshall County.—Davis & Colwell and Nelson Hogley, Sparland.

Menard County.—Athens Coal Co., No. 2 mine (reopened).

Peoria County.—Ed. Slane, Thomas Stear, Edwards; Fred Martin, Martin Coal Co., Peoria.

Tazewell County.—Halley & Blackburn, Harry Turner, Eastern Coal Co., (reopened) East Peoria.

Abandoned Mines.

The following mines have been abandoned or temporarily closed:

Marshall County.—William Baugh, William Lopeman, Harvey Neisaunger.

Peoria County.—Peoria District Colliery Company, John H. Smith, Harding & Doubit, William Johnson, Charles Dawson, Ernest Largent.

Change of Name.

Ewing & Colver to John P. Grosball; Zipprich Mine to Colvin Bros.; Seffer & Strong to Seffer & Barneywalt; Fred Appleby to Edwards Coal Co.; Abe Lonsdale to Albert Warren; Herman Durant to Bert Tucker; Square Deal Coal Co. to Frank Harlin; Enoch Snider to Fred Snider; Champion Coal Co. to Pekin Coal Co.

Mine Fires.

July 20, 1915, the tipple of the Groveland Mining Company's mine, Wesley City, was destroyed by fire, the origin of which is unknown. Since that time the entire top works have been remodeled and rebuilt. Among the most important changes has been the erection of a new steel head frame, the raising of the shaker to accommodate larger cars, the installation of a new dirt dump and three car retarders, under the tipple. One ten-ton haulage motor has been added to the underground equipment.

Improvements.

Four electric mining machines have been placed in the mine of the Crescent Coal Company, Peoria, Peoria County.

The Tazewell Coal Company, Pekin, Tazewell County, built an addition to the boiler room and engine house, erected a sand house and dryer, and added two steam boilers and one 100-kilowatt generator and two five-ton haulage motors to the power plant.

John W. Mallegren, Jr., Petersburg, Menard County, has built a new fan house and installed a fan and a centrifugal pump. The pump and fan will be electrically driven.

The McKinley Coal Company, Elmwood, Peoria County, has sunk a new air shaft at the mine.

The Winters Coal Company, Bartonville, Peoria County, made a new road to the escape shaft, also put new stairs in escape shaft.

The Colliers Cooperative Coal Company, Bartonville, Peoria County, installed a new fan at the mine, which greatly improves the ventilation.

The Wenona Coal Company, Wenona, Marshall County, installed a new high speed fan at the mine and considerable work in cleaning air courses has been done. The ventilation is much improved at this mine.

Fatal Accidents.

September 30, 1915, Martin Perret, miner, aged 40 years, single, received burns from the explosion of powder in the Logan Coal Company's mine, Hanna City, Peoria County, from which he died about five hours later. It is the general opinion that deceased was making up his powder, when, in some unknown manner, it became ignited.

November 12, 1915, Jacob Hars, trip rider, aged 21 years, single, was instantly killed in the Clark Coal & Coke Company's mine. Deceased was riding in empty trip when about 1,500 feet from shaft bottom he was crushed by a fall of rock weighing approximately 35 tons.

November 15, 1915, Emil Milani, miner, aged 39 years, married, received injuries in the Toluca Coal Company's mine, Toluca, Marshall County, from which he died about 12 hours later. Deceased was loading coal when a piece of rock fell on him. He leaves a widow and six children.

In conclusion, I am pleased to inform you that the fatal accidents in this district have decreased fifty per cent, while there is an increase of more than fifteen per cent in the tons mined.

Respectfully submitted,

GEORGE L. MORGAN,
State Mine Inspector, Third District, Pekin, Ill.

FATAL CASUALTIES, THIRD DISTRICT, JUNE 30, 1916.

Date.	Name.	Age.	Occupation.	Residence.	Married.	Single.	Widow.	Children.	Dependents.	Cause of death.
1915										
Sept. 30	Martin Perret	40	Miner	Hanna City	..	1	..	..	..	Powder explosion.
Nov. 12	Jacob Hars	21	Trip rider	Peoria	..	1	..	..	..	Falling rock.
15	Emil Milani	39	Miner	Toluca	1	..	1	6	7	Falling rock.
	Total	..			1	2	1	6	7	

RECAPITULATION OF FATAL ACCIDENTS, THIRD DISTRICT, 1916.

Residence.	No.	Occupation.	No.	Cause of accident.	No.	Colliery.	No.
Hanna City	1	Miners	2	Falling rock	2	Clark C. & C. Co	1
Peoria	1	Trip rider	1	Powder explosion	1	Logan Coal Co	1
Toluca	1					Toluca Coal Co	1
Total	3		3		3		3

NONFATAL CASUALTIES, THIRD DISTRICT, JUNE 30, 1916.

Date.	Name.	Age.	Residence.	Married.	Single.	Children.	Dependents.	Character of injury and cause of accident.	Time lost—days.
1915									
July 7	Pat McCarter	19	Standard	..	1	....	....	Foot injured, falling coal	57
7	Emilio Milono	46	Toluca	1	..	7	8	Hand injured, falling rock	39
9	Andrew Zuliana	29	..do	..	1	....	....	Hand injured, caught between crank and rod	73
26	Gackano Pana	42	..do	1	..	2	3	Ankle injured, struck coal rib	330
26	Anton Galman	50	Granville	1	..	3	4	Body injured, falling coal	66
29	Martin Giacci	38	Wenona	1	..	4	5	Finger injured, splinter, struck by	30
29	Tito Palumeo	33	Toluca	1	..	2	3	Toes injured, falling rock	132
31	Jno. Riva	35	Granville	..	1	....	....	Arm injured, falling coal	31
Aug. 2	Anton Papish	57	..do	..	1	....	....	Body injured, falling coal	98
5	Theo. Boggi	39	..do	1	..	4	5	Leg injured, falling rock	53
7	Anton Cervetto	42	Toluca	1	..	2	3	Body injured, falling rock	43
10	Carlo Faris	35	Roanoke	..	1	....	....	Body injured, falling rock	138
11	Jno. Muckitus	26	Peoria	1	..	1	2	Collar bone broken, pit car	42
19	Jno. Bair	21	Wenona	..	1	....	....	Body injured, pit car	56
19	Joe Gaddo	71	Standard	..	1	....	....	Body injured, falling coal	51
20	Gaetono Crovotti	30	Toluca	1	..	2	3	Body injured, falling coal	36

NONFATAL CASUALTIES, THIRD DISTRICT, JUNE 30, 1916—concluded.

Date.	Name.	Age.	Residence.	Married.	Single.	Children.	Dependents.	Character of injury and cause of accident.	Time lost—days.
1915									
Aug. 25	Ervin Pryor	30	Granville	1	..	1	2	Leg broken, pit cars	64
Sept. 9	Leo. Bodhaine	29	Roanoke	1	..	2	3	Ribs broken, pit car	128
18	Phil Vardmene	25	Toluca	..	1	....	....	Hand injured, falling coal	37
24	Jno. Barto	26	Granville	1	..	1	2	Leg broken, pit car	72
29	Dom Bronchetta	34	..do	1	..	3	4	Foot broken, falling coal	33
Oct. 1	Adam Eataugh	38	Bartonville	1	..	3	4	Collar bone broken, pit car	30
9	Jno. Falippi	24	Standard	..	1	....	....	Finger broken, pit car	38
11	Mike Rocco	41	..do	..	1	....	....	Foot injured, falling coal	92
12	Palmo Muskatine	54	..do	1	..	5	4	Foot injured, falling coal	85
12	Frank Cantrall	23	Athens	1	..	1	2	Arm broken, falling prop	30
14	Peter Cappi	41	Toluca	1	..	2	3	Wrist injured, caught in cage	65
18	B. Pasquatone	36	..do	1	..	2	3	Foot injured, falling rock	71
23	Sam Lunn	25	Standard	..	1	....	....	Body injured, fell down	46
Nov. 11	Augus Wallace	20	Granville	..	1	....	....	Fingers injured, pit car	30
16	Carmi Pozzi	45	Toluca	1	..	7	6	Fingers cut off, falling rock	62
18	Jno. Coletti	27	Granville	..	1	....	....	Head injured, falling rock	30
22	Jno. Nevitt	28	Limestone	..	..	3	4	Back injured, falling slate	*
22	Geo. Licker	26	S. Bartonville	1	..	....	1	Leg broken, pit car	*
23	Alois Bryne	19	Roanoke	..	1	....	....	Foot injured, pit car	43
26	Jno. Riva	20	Toluca	..	1	....	....	Hand injured, pit car	33
Dec. 2	Jno. Fals	47	Granville	1	..	....	1	Finger cut off, circular saw	43
4	Steve Rodelick	55	..do	..	1	....	....	Ribs broken, falling rock	35
6	Andrew Bartolermeo	28	Toluca	..	1	....	....	Fingers injured, falling rock	34
9	Jacco Bussone	28	Roanoke	1	..	....	1	Body injured, pit car	75
14	Autsa Camino	32	Standard	..	1	....	....	Arm injured, falling rock	49
17	Battesla Besto	46	..do	..	1	....	....	Body injured, not stated	76
23	Joe Osman	61	..do	1	..	....	1	Body injured, pick, struck by	35
24	Joe Granelli	26	..do	1	..	2	3	Wrist injured, not stated	46
29	Ernesto Giuliana	35	Toluca	1	..	2	3	Body injured, pick, struck by	37
31	Andrew Swatch	42	..do	1	..	2	3	Back injured, lifting car	32
31	Joe Grotti	41	..do	1	..	5	6	Body injured, falling rock	87
1916									
Jan. 5	Albeno Bernadoni	47	Standard	1	..	7	8	Foot injured, falling rock	48
8	Anton Tereboski	26	Toluca	1	..	....	1	Toe cut off, pit car	44
9	Henry Calvetti	20	Pekin	..	1	....	....	Back injured, falling rock	85
12	Adam Guca	50	Standard	1	..	1	2	Leg broken, falling coal	155
12	Marco Musetti	32	..do	1	..	3	4	Fingers injured, not stated	38
13	Wm. Penates	36	Granville	1	..	4	5	Fingers injured, not stated	34
19	Battish Wittori	44	Toluca	1	..	6	7	Finger injured, falling rock	34
21	Adam Feroni	40	Standard	1	..	6	7	Leg burned, steam	32
26	J. W. Pickett	52	Granville	1	..	2	3	Pelvis broken, falling rock	57
29	Joe Briddick	28	..do	..	1	....	....	Collar bone broken, pit car	53
Feb. 3	Mike Buccodutro	41	Toluca	1	..	8	8	Eye injured, flying coal	41
4	Jno. Zamani	32	..do	1	..	2	3	Leg injured, falling coal	37
5	A. Del. Grosso	42	..do	1	..	6	7	Eye injured, flying rock	34
5	Jacob Butcher	45	Granville	1	..	....	1	Leg injured, fell down	36
7	E. Bosi	33	Standard	1	..	5	6	Back injured, not stated	40
8	Wm. Robinson	30	Limestone	1	..	1	2	Pelvis broken, pit car	60
19	Harry Dilts	37	Peoria	1	..	1	2	Arms broken, pit car	*
21	Seth Monroe	52	Bartonville	1	..	5	3	Leg injured, flying coal	41
24	Joe Bestolis	40	Standard	1	..	4	5	Finger injured, falling coal	38
29	Jno. Cittlick	39	Toluca	1	..	4	5	Eye injured, flying coal	34
Mar. 7	M. Tondi	36	Granville	1	..	4	5	Finger injured, not stated	54
7	Phil Inessi	40	Toluca	..	1	....	....	Toe injured, pit car	46
7	Steve Spolick	42	..do	1	..	4	5	Body injured, falling coal	30
11	Fred Costa	41	Granville	1	..	2	3	Shoulder broken, falling rock	60
21	Anton Majewski	38	Toluca	1	..	7	8	Arm injured, pit car	39
21	F. Veruchi	30	Granville	..	1	....	....	Leg broken, falling coal	*
Apr. 26	Thos Brennan	27	Cantrall	..	1	....	....	Leg injured, falling coal	60
May 3	Lister Randle	19	Pottstown	..	1	....	....	Toe injured, pit car	*
15	Joe Chinelli	29	Granville	1	..	2	3	Hand injured, falling rock	*
23	O. Burton	37	Pekin	1	..	1	2	Leg injured, falling rock	*
June 1	Cleto Compari	31	Granville	..	1	....	....	Body injured, pit car	*
16	Robt. Knox	34	Athens	1	..	2	3	Foot injured, pit car	*
	Total	..		53	26	155	200		

* Not returned to work July 1, 1916.

Number injured 79
Number not returned to work 9

Number returned 70

Time lost by men returned, days 4,043
Average days lost by men returned 57.76

RECAPITULATION OF NONFATAL ACCIDENTS, THIRD DISTRICT, 1916.

Residence.	No.	Occupation.	No.	Cause of accident.	No.	Colliery.	No.
Athens	2	Cagers	2	Cage	1	Athens Coal Co	3
Bartonville	3	Carpenter	1	Crank	1	B. F. Berry Coal Co	16
Cantral	1	Drivers	13	Falling coal	16	Brewster & Evans C. Co	4
Granville	20	Firemen	2	Falling prop	1	Crescent Coal Co	2
Limestone	2	Laborers	3	Falling rock	20	German Coal Co	1
Pekin	2	Miners	55	Falling slate	1	Roanoke Coal Co	4
Peoria	2	Mine examiner	1	Fell down	2	St. Paul Coal Co	20
Pottstown	1	Mine manager	1	Flying coal	3	Tazewell Coal Co	2
Roanoke	4	Spragger	1	Flying rock	1	Toluca Coal Co	24
Standard	16			Lifting weight	1	Wenona Coal Co	2
Toluca	24			Pick	2	Wolschlag Co-op. Coal Co	1
Wenona	2			Pit cars	20		
				Saw, struck by	1		
				Splinter, struck by	1		
				Steam	1		
				Struck coal rib	1		
				Not stated	6		
Total	79		79		79		79

RECAPITULATION OF NONFATAL CASUALTIES, NATURE OF INJURIES, CONJUGAL RELATIONS, AND TIME LOST, THIRD DISTRICT, 1916.

Nature of injuries.	Number.	Married.	Single.	Children.	Dependents.	Time lost—days.		Percentage of injuries.
						Total.	Average.	
Ankle injured	1	1	.....	2	3	330	330.00	1.26
Arms broken	2	2	.....	2	4	30	30.00	2.53
Arms injured	3	1	2	7	8	119	40.00	3.80
Backs injured[1]	4	3	1	10	13	157	52.33	5.06
Bodies injured[1]	15	8	7	18	26	874	64.43	18.99
Collar bones broken	3	2	1	4	6	125	41.67	3.80
Eyes injured	3	3	.....	18	20	109	36.33	3.80
Feet broken	1	1	.....	3	4	33	33.00	1.26
Feet injured[1]	7	4	3	16	18	396	66.00	8.86
Finger broken	1	.....	1	.....	.....	38	38.00	1.26
Fingers cut off	2	2	.....	7	7	105	52.50	2.53
Fingers injured	8	6	2	25	31	292	36.50	10.16
Hands injured[1]	5	2	3	9	11	182	45.50	6.33
Head injured	1	.....	1	.....	.....	30	30.00	1.26
Legs broken[2]	5	4	1	3	7	291	97.00	6.33
Legs injured[1]	7	6	1	18	21	259	43.17	8.86
Pelvis broken	2	2	.....	3	5	117	58.50	2.53
Ribs broken	2	1	1	2	3	163	81.50	2.53
Shoulder broken	1	1	.....	2	3	60	60.00	1.26
Toes cut off	1	1	.....	.....	1	44	44.00	1.26
Toes injured[1]	3	1	2	2	3	178	89.00	3.80
Wrists injured	2	2	.....	4	6	111	55.50	2.53
Total	79	53	26	155	200	4,043	57.76	100.00

[1] One not returned to work.
[2] Two not returned to work.

MARSHALL COUNTY,

Number.	Name of operator.	Post-office address of the mine.	Output of mines in tons. Mine run.	Lump.	Other grades.	Total.	Tons loaded on cars for shipment.
	SHIPPING MINES.						
1	Toluca Coal Co., No. 1	Toluca	254,239	30,629	3,675	288,543	21,149
2	Wenona Coal Co., No. 1	Wenona	.....	95,976	50,284	146,260	127,691
	Total		254,239	126,605	53,959	434,803	148,840
	LOCAL MINES.						
1	R. H. Ingram	Sparland	.....	1,350	.....	1,350	.....
2	John Pearson	Henry	.....	448	.....	448	.....
3	Geo. W. Davis	Sparland	.....	365	.....	365	.....
4	Rube Colwell	..do	.....	265	.....	265	.....
5	Geo. H. Christman & Son	..do	.....	250	.....	250	.....
6	Davis & Coldwell	..do	.....	200	.....	200	.....
7	James Fogarty	..do	.....	100	.....	100	.....
8	Nelson Hogley	..do	.....	99	.....	99	.....
9	Louis Neighsanger	..do	.....	80	.....	80	.....
	Total		.....	3,157	.....	3,157	.....
	Total—11 mines		254,239	129,762	53,959	437,960	148,840

Mines in 1915, 12. New mines, 2. Abandoned mines, 3. Mines in 1916, 11.

MENARD COUNTY,

	SHIPPING MINES.						
1	Athens Coal Co	Athens	25,359	41,625	60,002	126,986	100,581
	LOCAL MINES.						
1	South Mountain Coal Co	Petersburg	3,180	1,990	3,063	8,233	.....
2	John W. Mallegreen, Jr	..do	1,200	3,389	1,694	6,283	.....
3	Johnson Valley Coal Co	Fancy Prairie	.....	5,510	40	5,550	.....
4	East View Coal Co	Greenview	.....	2,907	1,908	4,815	.....
5	John Mallegreen, Sr	Petersburg	820	3,155	800	4,775	.....
6	Golloday Bros	Tallula	3,553	.....	.....	3,553	.....
7	Brand & Walker	Petersburg	.....	1,050	300	1,350	.....
8	John P. Grosboll	..do	.....	725	120	845	.....
9	Peter Becker	Tallula	800	.....	.....	800	.....
	Total		9,553	18,726	7,925	36,204	.....
	Total—10 mines		34,912	60,351	67,927	163,190	100,581

Mines reported for 1915, 9. New mines, 1 Mines in 1916, 10.

PEORIA COUNTY,

	SHIPPING MINES.						
1	Wolschlag Co-operative Coal Co	Peoria	10,472	168,664	89,567	268,703	100,039
2	Brewster-Evans Co., Walben	..do	3,375	175,917	80,244	259,536	259,536
3	Clark Coal & Coke Co., No. 2	..do	173,595	.....	.....	173,595	167,595
4	Crescent Coal Co., No. 1	..do	14,911	60,156	61,231	136,298	120,788
5	Logan Coal Co., Logan	Hanna City	104,550	.....	.....	104,550	101,550

THIRD DISTRICT, 1916.

Disposition of output.				Kegs of powder used for blasting coal.	Pounds of permissible explosives used.	Days of active operation.	Total number employed.	Tons mined.		Mining machines—number in use.	Accidents.		Number of motors in use.	Number of animals under ground.	Number.
Tons supplied to locomotives at the mines.	Tons sold to railroad companies and loaded on cars.	Tons sold to local trade.	Tons consumed or wasted at the mine.					By hand.	By machine.		Killed.	Injured.			
64,410	182,056	7,859	13,069	.....	1,523	284	707	288,543	.....	....	1	23	5	40	1
.....	.....	9,042	9,527	.....	.....	238	322	146,260	.....	....	....	2	....	25	2
64,410	182,056	16,901	22,596	.....	1,523	261	1,029	434,803	.....	....	1	27	5	65	
.....	.....	1,350	.....	75	.....	150	3	1,350	.....	....	....	....	....	....	1
.....	.....	448	.....	25	.....	90	3	448	.....	....	....	....	....	....	2
.....	.....	365	.....	25	.....	85	3	365	.....	....	....	....	....	....	3
.....	.....	265	.....	20	.....	80	2	265	.....	....	....	....	....	....	4
.....	.....	247	3	20	.....	100	1	250	.....	....	....	....	....	....	5
.....	.....	200	.....	13	.....	80	2	200	.....	....	....	....	....	....	6
.....	.....	100	.....	.....	.....	65	1	100	.....	....	....	....	....	....	7
.....	.....	99	.....	.....	.....	40	2	99	.....	....	....	....	....	....	8
.....	.....	74	6	3	.....	23	2	80	.....	....	....	....	....	....	9
.....	.....	3,148	9	181	.....	79	19	3,157	.....	....	....	....	....	....	
64,410	182,056	20,049	22,605	181	1,523	112	1,048	437,960	.....	....	1	27	5	65	

THIRD DISTRICT, 1916.

.....	20,000	3,938	2,467	5,984	10	204	156	126,986	.....	....	....	3	....	18	1
942	.....	6,441	850	430	.....	156	14	8,233	.....	....	....	....	....	....	1
.....	.....	6,283	.....	435	.....	207	11	6,283	.....	....	....	....	....	....	2
.....	.....	5,000	550	326	.....	186	10	5,550	.....	....	....	....	....	....	3
.....	.....	4,715	100	181	.....	239	7	4,815	.....	....	....	....	....	....	4
.....	.....	4,450	325	225	.....	165	12	4,775	.....	....	....	....	....	....	5
.....	.....	3,525	28	162	.....	148	5	3,553	.....	....	....	....	....	....	6
.....	.....	1,250	100	69	.....	172	4	1,350	.....	....	....	....	....	....	7
.....	.....	845	.....	47	.....	90	4	845	.....	....	....	....	....	....	8
.....	.....	800	.....	80	.....	135	4	800	.....	....	....	....	....	....	9
942	.....	33,309	1,953	1,955	.....	166	71	36,204	.....	....	....	....	....	....	
942	20,00	37,247	4,420	7,939	10	170	227	163,190	.....	....	....	3	....	18	

THIRD DISTRICT, 1916.

.....	168,664	.....	.....	17,257	.....	254	185	268,703	.....	....	....	1	3	9	1
.....	.....	.....	.....	19,906	.....	280	243	259,536	.....	....	....	4	2	....	2
.....	.....	.....	6,000	10,875	.....	191	240	173,595	.....	....	1	....	4	15	3
.....	15,510	.....	.....	8,383	.....	202	250	130,924	5,374	2	....	2	3	12	4
.....	.....	.....	3,000	1,530	.....	209	125	.....	104,550	10	1	....	2	8	5

PEORIA COUNTY, THIRD

Number.	Name of operator.	Post-office address of the mine.	Output of mines in tons.				Tons loaded on cars for shipment.
			Mine run.	Lump.	Other grades.	Total.	
6	Warsaw Coal Co., Warsaw	Edwards	3,813	23,876	37,129	64,818	43,048
7	Newsam Bros., Glasford No. 4	Glasford	4,642	29,360	24,235	58,237	48,125
8	Collier Co-operative C. Co., No. 2	Bartonville	6,491	35,707	16,006	58,204	57,204
9	German Coal Co	Mapleton	29,408	.....	.....	29,408	27,153
10	Lancaster Ldg. C. & T. Co., No. 1	Kingston Mines	4,000	13,886	3,267	21,153	17,386
11	Mapleton Coal Co., No. 1	Mapleton	12,000	6,000	2,498	20,498	19,000
	Total		367,257	513,566	314,177	1,195,000	961,424
	LOCAL MINES.						
1	Winters Coal Co	Bartonville	27,480	.....	1,220	28,700	.....
2	Treasure Coal Co	..do	.....	14,960	945	15,905	.....
3	Mohn Coal Co	Peoria	.....	7,440	400	7,840	.....
4	Hibbard & Snedden	..do	7,020	.....	300	7,320	.....
5	F. P. Schmidt & Son	..do	.....	6,050	320	6,370	.....
6	E. Potter & Son	Mapleton	5,674	.....	200	5,874	.....
7	Limestone Coal Co	Peoria	.....	5,310	410	5,720	.....
8	Fisher & Blank	..do	5,150	.....	220	5,370	.....
9	R. Taylor & Sons	Princeville	.....	3,900	516	4,416	.....
10	Collears Bros	Peoria	.....	3,850	96	3,946	.....
11	Fair Oaks Coal Co	..do	.....	3,150	320	3,470	.....
12	Pleasant Heights Coal Co	..do	.....	2,956	328	3,284	.....
13	Colvin Bros	Pekin	.....	2,205	310	2,515	.....
14	Louis A. Schmidt	Peoria	1,910	.....	220	2,130	.....
15	McKinley Coal Co	Elmwood	1,860	.....	195	2,055	.....
16	Ernest Calvell	Princeville	.....	1,520	325	1,845	.....
17	C. L. Hayes	Brimfield	.....	1,390	325	1,715	.....
18	Umholtz & Johnson	Kingston Mines	1,350	.....	.....	1,350	.....
19	Thomas Short	Chillicothe	.....	1,166	.....	1,166	.....
20	R. C. Crew	Sparland	.....	1,046	.....	1,046	.....
21	Harry Bramer Coal Co	Mapleton	.....	950	41	991	.....
22	Seffer & Barnewalt	Peoria	.....	860	.....	860	.....
23	Martin Coal Co	..do	.....	825	.....	825	.....
24	Pautz & Spinney	Trivoli	.....	748	.....	748	.....
25	Henry Penn	Hanna City	.....	745	.....	745	.....
26	Harry Green	..do	.....	725	.....	725	.....
27	Clarkson & Henning	Edwards	.....	724	.....	724	.....
28	J. W. Miller	Laura	.....	635	.....	635	.....
29	Lorenzo Clarkson	Monica	.....	540	.....	540	.....
30	Clark & Martin	Brimfield	.....	410	120	530	.....
31	Albert Warner	Hanna City	.....	480	25	505	.....
32	Thomas Jones & Son	Peoria	.....	460	22	482	.....
33	James Andrews	Edwards	.....	480	.....	480	.....
34	Fred Snider	..do	.....	450	.....	450	.....
35	Birt Tucker	Brimfield	.....	436	.....	436	.....
36	Wm. Poole	Edwards	.....	400	.....	400	.....
37	Fusser Bros	Brimfield	.....	388	.....	388	.....
38	C. E. Pratt & Son	Edwards	.....	386	.....	386	.....
39	Thomas Stear	..do	.....	380	.....	380	.....
40	Frank Harlin	Chillicothe	.....	278	.....	278	.....
41	Wm. P. Cramer	Edwards	.....	240	.....	240	.....
42	Fred Martin	Peoria	.....	240	.....	240	.....
43	Edward Slane	Edwards	.....	196	.....	196	.....
44	Edwards Coal Co	..do	.....	175	.....	175	.....
45	R. J. Scott	Oak Hill	.....	145	.....	145	.....
46	M. H. Moody	Hanna City	.....	10	.....	10	.....
	Total		50,444	67,249	6,858	124,551	.....
	Total—57 mines		417,701	580,815	321,035	1,319,551	961,424

Mines reported for 1915, 61. New mines, 4. Abandoned mines, 8. Mines in 1916, 57.

DISTRICT, 1916—concluded.

Disposition of output.				Kegs of powder used for blasting coal.	Pounds of permissible explosives used.	Days of active operation.	Total number employed.	Tons mined.		Mining machines—number in use.	Accidents.		Number of motors in use.	Number of animals under ground.	Number.
Tons supplied to locomotives at the mines.	Tons sold to railroad companies and loaded on cars.	Tons sold to local trade.	Tons consumed or wasted at the mine.					By hand.	By machine.		Killed.	Injured.			
.....	20,316	.....	1,454	4,501	.....	167	92	64,818	.....	....	....	....	2	5	6
.....	6,667	2,232	1,213	3,188	.....	146	98	58,237	.....	....	....	....	....	6	7
.....	.....	.....	1,000	3,886	.....	228	40	58,204	.....	....	....	....	1	2	8
.....	.....	1,056	1,205	420	.....	247	31	.....	29,408	2	....	1	....	2	9
.....	.....	500	3,267	1,344	.....	170	54	21,153	.....	....	....	....	....	5	10
.....	.....	600	898	1,267	.....	150	37	20,498	.....	....	....	....	....	....	11
.....	211,157	4,382	18,037	72,557	.....	204	1,395	1,055,668	139,332	14	2	8	17	64	
.....	.....	28,290	410	1,572	.....	240	22	28,700	.....	....	....	....	....	....	1
.....	.....	15,785	120	166	.....	220	20	15,905	.....	....	....	....	....	....	2
.....	.....	7,720	120	461	.....	200	10	7,840	.....	....	....	....	....	....	3
.....	.....	7,220	100	335	.....	182	13	7,320	.....	....	....	....	....	....	4
.....	.....	6,370	.....	246	.....	180	10	6,370	.....	....	....	....	....	....	5
.....	.....	5,874	.....	326	.....	204	7	5,874	.....	....	....	....	....	....	6
.....	.....	5,645	75	312	.....	180	10	5,720	.....	....	....	....	....	....	7
.....	.....	5,250	120	305	.....	219	10	5,370	.....	....	....	....	....	....	8
.....	.....	4,320	96	261	.....	221	7	4,416	.....	....	....	....	....	....	9
.....	.....	3,850	96	250	.....	221	8	3,946	.....	....	....	....	....	....	10
.....	.....	3,390	80	79	.....	210	4	3,470	.....	....	....	....	....	....	11
.....	.....	3,284	.....	172	.....	215	6	3,284	.....	....	....	....	....	....	12
.....	.....	2,515	.....	164	.....	234	6	2,515	.....	....	....	....	....	....	13
.....	.....	2,130	.....	155	.....	130	6	2,130	.....	....	....	....	....	....	14
.....	.....	1,960	95	147	.....	151	4	2,055	.....	....	....	....	....	....	15
.....	.....	1,720	125	132	.....	222	5	1,845	.....	....	....	....	....	....	16
.....	.....	1,715	.....	35	.....	225	5	1,715	.....	....	....	....	....	....	17
.....	.....	1,350	.....	68	.....	227	2	1,350	.....	....	....	....	....	....	18
.....	.....	1,166	.....	98	.....	165	5	1,166	.....	....	....	....	....	....	19
.....	.....	1,046	.....	74	.....	261	4	1,046	.....	....	....	....	....	....	20
.....	.....	991	.....	69	.....	180	6	991	.....	....	....	....	....	....	21
.....	.....	860	.....	54	.....	175	2	860	.....	....	....	....	....	....	22
.....	.....	825	.....	55	.....	165	3	825	.....	....	....	....	....	....	23
.....	.....	748	.....	41	.....	135	2	748	.....	....	....	....	....	....	24
.....	.....	745	.....	58	.....	110	2	745	.....	....	....	....	....	....	25
.....	.....	725	.....	35	.....	235	2	725	.....	....	....	....	....	....	26
.....	.....	724	.....	60	.....	240	2	724	.....	....	....	....	....	....	27
.....	.....	635	.....	.....	.....	211	2	635	.....	....	....	....	....	....	28
.....	.....	540	.....	15	.....	185	2	540	.....	....	....	....	....	....	29
.....	.....	530	.....	.....	.....	180	2	530	.....	....	....	....	....	....	30
.....	.....	505	.....	.....	.....	240	2	505	.....	....	....	....	....	....	31
.....	.....	482	.....	32	.....	120	2	482	.....	....	....	....	....	....	32
.....	.....	480	.....	35	.....	96	2	480	.....	....	....	....	....	....	33
.....	.....	450	.....	30	.....	220	2	450	.....	....	....	....	....	....	34
.....	.....	436	.....	.....	.....	111	4	436	.....	....	....	....	....	....	35
.....	.....	400	.....	.....	.....	120	2	400	.....	....	....	....	....	....	36
.....	.....	388	.....	40	.....	225	2	388	.....	....	....	....	....	....	37
.....	.....	386	.....	.....	.....	193	2	386	.....	....	....	....	....	....	38
.....	.....	380	.....	24	.....	190	1	380	.....	....	....	....	....	....	39
.....	.....	278	.....	24	.....	98	2	278	.....	....	....	....	....	....	40
.....	.....	240	.....	16	.....	140	1	240	.....	....	....	....	....	....	41
.....	.....	240	.....	16	.....	120	1	240	.....	....	....	....	....	....	42
.....	.....	196	.....	13	.....	80	1	196	.....	....	....	....	....	....	43
.....	.....	175	.....	14	.....	80	1	175	.....	....	....	....	....	....	44
.....	.....	145	.....	11	.....	71	1	145	.....	....	....	....	....	....	45
.....	.....	10	.....	1	.....	4	1	10	.....	....	....	....	....	....	46
.....	.....	123,114	1,437	6,001	.....	174	236	124,551	.....	....	....	....	....	....	
.....	211,157	127,496	19,474	78,558	.....	184	1,631	1,180,219	139,332	14	2	8	17	64	

PUTNAM COUNTY,

Number.	Name of operator.	Post-office address of the mine.	Output of mines in tons. Mine run.	Lump.	Other grades.	Total.	Tons loaded on cars for shipment.
	SHIPPING MINES.						
1	St. Paul Coal Co., No. 1	Granville	17,621	324,165	76,400	418,186	.....
2	B. F. Berry Coal Co., No. 1	Standard	.....	168,967	61,649	230,616	26,387
	Total—2 mines		17,621	493,132	138,049	648,802	26,387

Mines in 1915, 2. Mines in 1916, 2.

TAZEWELL COUNTY,

Number.	Name of operator.	Post-office address of the mine.	Mine run.	Lump.	Other grades.	Total.	Tons loaded on cars for shipment.
	SHIPPING MINES.						
1	Tazewell Coal Co	Pekin	30,041	38,856	61,287	130,184	95,941
2	Groveland Mining Co	Peoria	98,580	.....	.....	98,580	98,580
3	Lake Erie Coal Mining Co., No. 1	East Peoria	22,744	.....	.....	22,744	3,949
4	Ubben Coal Co., No. 1	Pekin	8,600	7,830	3,915	20,345	8,000
	Total		159,965	46,686	65,202	271,853	206,470
	LOCAL MINES.						
1	David Grant	Pekin	8,388	.....	.....	8,388	.....
2	Gielbenhausen Coal Co	Peoria	7,860	.....	.....	7,860	.....
3	Manhattan Coal Co	East Peoria	7,800	.....	.....	7,800	.....
4	Pekin Coal Co., No. 1	Pekin	.....	4,680	2,335	7,015	.....
5	Eastern Coal Co	East Peoria	1,780	1,400	600	3,780	.....
6	Harry Turner	..do	2,200	750	250	3,200	.....
7	Holley & Blackburn	..do	.....	156	30	186	.....
	Total		28,028	6,986	3,215	38,229	.....
	Total—11 mines		187,993	53,672	68,417	310,082	206,470

Mines in 1915, 8. New mines, 3. Mines in 1916, 11.

WOODFORD COUNTY,

Number.	Name of operator.	Post-office address of the mine.	Mine run.	Lump.	Other grades.	Total.	Tons loaded on cars for shipment.
	SHIPPING MINES.						
1	Roanoke Coal Co	Roanoke	75	75,461	49,115	124,651	39,353
2	Minonk Coal Co	Minonk	.....	25,382	35,050	60,432	48,622
	Total—2 mines		75	100,843	84,165	185,083	87,975

Mines reported for 1915, 2. Mines in 1916, 2.

THIRD DISTRICT, 1916.

Disposition of output.				Kegs of powder used for blasting coal.	Pounds of permissible explosives used.	Days of active operation.	Total number employed.	Tons mined.		Mining machines—number in use.	Accidents.		Number of motors in use.	Number of animals under ground.	
Tons supplied to locomotives at the mines.	Tons sold to railroad companies and loaded on cars.	Tons sold to local trade.	Tons consumed or wasted at the mine.					By hand.	By machine.		Killed.	Injured.			Number.
3,650	398,068	4,439	12,029	.....	.....	246	787	418,186	.....	....	....	19	....	70	1
.....	184,919	8,918	10,392	.....	.....	165	506	230,616	.....	....	....	16	....	64	2
3,650	582,987	13,357	22,421	.....	.....	206	1,293	648,802	.....	....	....	35	....	134	

THIRD DISTRICT, 1916.

.....	27,369	3,775	3,099	2,140	.....	249	186	.....	130,184	12	....	2	2	27	1
.....	.....	.....	.....	3,290	.....	172	187	59,148	39,432	6	....	....	2	10	2
.....	.....	18,235	500	1,116	.....	249	29	22,744	.....	....	....	....	....	2	3
.....	.....	11,259	1,086	380	.....	247	39	3,445	16,900	1	....	....	....	5	4
.....	27,369	33,329	4,685	6,926	.....	229	441	85,337	186,516	19	....	2	4	44	
.....	.....	8,038	350	448	.....	215	15	8,388	.....	....	....	....	....	....	1
.....	.....	7,600	260	400	.....	175	14	7,860	.....	....	....	....	....	....	2
.....	.....	7,590	210	533	.....	182	11	7,800	.....	....	....	....	....	....	3
500	.....	6,290	225	325	.....	150	16	7,015	.....	....	....	....	....	....	4
.....	.....	3,500	280	252	.....	140	10	3,780	.....	....	....	....	....	....	5
.....	.....	3,200	.....	135	.....	150	4	3,200	.....	....	....	....	....	....	6
.....	.....	156	30	7	.....	44	2	186	.....	....	....	....	....	....	7
500	.....	36,374	1,355	2,100	.....	151	72	38,229	.....	....	....	....	....	....	
500	27,369	69,703	6,040	9,026	.....	179	513	123,566	186,516	19	....	2	4	44	

THIRD DISTRICT, 1916.

7,648	64,751	6,608	6,291	.....	.....	228	305	124,651	.....	....	....	4	....	38	1
.....	.....	8,560	3,250	.....	500	197	158	60,432	.....	....	....	....	....	20	2
7,648	64,751	15,168	9,541	.....	500	213	463	185,083	.....	....	....	4	....	58	

RECAPITULATION BY COUNTIES, THIRD DISTRICT, 1916.

	Marshall.	Menard.	Peoria.	Putnam.	Tazewell.	Woodford.	Total.
Number of mines	11	10	57	2	11	2	93
Shipping	2	1	11	2	4	2	22
Local	9	9	46	.....	7	.....	71
Production in tons	437,960	163,190	1,319,551	648,802	310,082	185,083	3,064,668
Shipping	434,803	126,986	1,195,000	648,802	271,853	185,083	2,862,527
Local	3,157	36,204	124,551	.....	38,229	.....	202,141
Mine run	254,239	34,912	417,701	17,621	187,993	75	912,541
Shipping	254,239	25,359	367,257	17,621	159,965	75	824,516
Local	.....	9,553	50,444	.....	28,028	.....	88,025
Lump	129,762	60,351	580,815	500,118	46,686	100,843	1,418,575
Shipping	126,605	41,625	513,566	493,132	46,686	100,843	1,322,457
Local	3,157	18,726	67,249	6,986	.....	.....	96,118
Other grades	53,959	67,927	321,035	138,049	68,417	84,165	733,552
Shipping	53,959	60,002	314,177	138,049	65,202	84,165	715,554
Local	.....	7,925	6,858	.....	3,215	.....	17,998
Disposition of output	437,960	163,190	1,319,551	648,802	310,082	185,083	3,064,668
Loaded on cars for shipment	148,840	100,581	961,424	26,387	206,470	87,975	1,531,677
Other purposes	289,120	62,609	358,127	622,415	103,612	97,108	1,532,991
Shipping	285,963	26,405	233,576	622,415	65,383	97,108	1,330,850
Local	3,157	36,204	124,551	.....	38,229	.....	202,141
Kegs of powder used, blasting coal	181	7,939	78,558	.....	9,026	.....	95,704
Shipping	.....	5,984	72,557	.....	6,926	.....	85,467
Local	181	1,955	6,001	.....	2,100	.....	10,237
Days of active operation (average)	112	170	183	206	179	213	172
Shipping	261	204	204	206	229	213	215
Local	79	166	175	.....	151	.....	159
Employees	1,048	227	1,631	1,293	513	463	5,175
Shipping	1,029	156	1,395	1,293	441	463	4,777
Local	19	71	236	.....	72	.....	398
Under ground	954	200	1,485	1,198	464	435	4,736
Shipping	935	143	1,284	1,198	409	435	4,404
Local	19	57	201	.....	55	.....	332
Above ground	94	27	146	95	49	28	439
Shipping	94	13	111	95	32	28	373
Local	.....	14	35	.....	17	.....	66
Tons mined by hand	437,960	163,190	1,180,219	648,802	123,566	185,083	2,738,820
Shipping	434,803	126,986	1,055,668	648,802	85,337	185,083	2,536,679
Local	3,157	36,204	124,551	.....	38,229	.....	202,141
Tons mined by machine	.....	.....	139,332	.....	186,516	.....	325,848
Shipping	.....	.....	139,332	.....	186,516	.....	325,848
Number of machines in use	.....	.....	14	.....	19	.....	33
Shipping	.....	.....	14	.....	19	.....	33
Number of motors in use	5	.....	17	.....	4	.....	26

RECAPITULATION BY COUNTIES, THIRD DISTRICT, 1916—concluded.

	Marshall.	Menard.	Peoria.	Putnam.	Tazewell.	Woodford.	Total.
Number killed	1	.....	2	.....	.....	.....	3
Shipping	1	.....	2	.....	.....	.....	3
Number injured	27	3	8	35	2	4	79
Shipping	27	3	8	35	2	4	79

Whole number of mines reported for 1915, 94.
Number of new mines opened during the year, 10.
Number of mines abandoned during the year, 11.
Whole number of mines reported for 1916, 93.

FOURTH INSPECTION DISTRICT—1916.

COUNTIES—CASS, FULTON, HANCOCK, MCDONOUGH, MORGAN, SCHUYLER AND SCOTT. DAVID Z. THRUSH, *Inspector.*

Hon. J. F. Morris, Chief Clerk, State Mining Board, Springfield.

SIR: Complying with section 5 of the General Mining Law of Illinois, I submit herewith the annual report of the coal producing counties of Cass, Fulton, Hancock, McDonough, Morgan, Schuyler and Scott.

SUMMARY OF THE ITEMS IN THE REPORT.

Number of counties producing coal	7
Number of shipping mines	18
Number of local mines	190
Number of new or reopened mines	49
Number of closed or abandoned mines	45
Number of miners	2,026
Others under ground, men	1,017
Boys under ground	31
Boys above ground	.....
Others above ground	237
Total number of employees	3,311
Total tons of coal produced	2,086,760
Days of active operation, all mines	145
Kegs of powder used for blasting coal	97,931
Tons of coal shipped	1,264,056
Tons supplied to locomotives	30,608
Tons sold to railroad companies	538,230
Tons sold to local trade	194,591
Tons consumed and wasted at mines	59,275
Number of fatal accidents	7
Number of nonfatal accidents	16
Number of employees to each fatal accident	473
Number of employees to each nonfatal accident	206
Tons of coal produced to each fatal accident	298,109
Tons of coal produced to each nonfatal accident	130,423
Ratio of fatal accidents per 1,000 employees	2.11

The following table gives the total tonnage by counties, for the years 1915 and 1916, with increase or decrease:

Counties.	Total output—tons—1915.	Total output—tons—1916.	Increase.	Decrease.
Cass	1,400	1,200	.....	200
Fulton	2,035,221	2,036,781	1,560	.....
Hancock	3,511	4,160	649	.....
McDonough	22,204	21,831	.....	373
Morgan	855	1,535	680	.....
Schuyler	14,049	16,596	2,547	.....
Scott	5,391	4,657	.....	734
Total	2,082,631	2,086,760	5,436	1,307
Net	.....	.....	4,129	.....

New Mines.

The following are the new or reopened mines:

Fulton County.—Big Creek Coal Co., No. 3; Star Coal Co., No. 2, Wm. Irvin, Ed. Gofinch, Cuba; R. J. Nahn, Sam Bishop, Earl Miller, George Miller, Lewistown; Otto Garren, James Pollett, St. David; W. A. Foraker, J. L. Orwig, Marietta; Charles Williams, Fairview; Dave Gladwell, Frank Lee, Breeds; Frank Tindall, Glasford; J. R. McBride, Nelson W. Rastler, Isaac Hendee, Wilson Bros., Astoria; E. Robinson, Table Grove; M. R. Parks, Bluff City; J. C. Bybee, Canton; Henry Kruzan, Ipava; J. H. Foutch, J. D. Raker, Maple Mills.

McDonough County.—Wm. Whalen, Hoar & Barber, Sam. Green, Allen Mourning, C. E. Stone, Harry Averill, James Wilson, George Polonus, Colchester.

Schuyler County.—J. R. Thompson, Harry Settles, Joe Davis, John Meredith, Rushville; France & Loderman, Sprinkle & Race, Littleton; George Passno, Beards Bros., Ray; Harris & Vernorman, Miller & Burnett, Huntsville; Will Cagle, Pleasantview; Babb & Reed, Birmingham; C. H. Price, Industry; Frank Depoy & Son, Frederick.

Scott County.—Isaac Moore, Exeter.

Abandoned Mines.

The following mines were not in operation and are either permanently abandoned or temporarily closed:

Fulton County.—Canton Coal Co., L. D. Huggans, N. Carlon, D. A. Carlon, Charles A. Hall, John Homan, Canton; Norris Coal Mining Co., James Walck, Norris; John A. Johnson, St. David; Richard Henning, Will Dilts, Henry Vice, Robert Sims, Fairview; Eclipse Coal Co., Wilson Bros., T. E. Wilson, Astoria; E. L. Bishop, Frank Stroad, John T. Johnson, W. W. Bennett, R. Jayne, John Walsh, Louis Stevens, Cuba; Joseph McCamarant, Charles Danner, Ipava; William Taylor, Glasford; J. W. Oliver, Eunel Oliver, Breeds; Charles Taylor, Avon; Guy Aylesworth, Maple Mills; James Coones, Marietta.

Hancock County.—Davis Coal Co., Augusta.

McDonough County.—Charles Meredith, Fred Curtis, Industry; G. E. Dixon, Colchester; Curry Teel, Iverson Jones, Macomb.

Schuyler County.—Joe Thompson, Davis Bros., Rushville; Cagle & Spillers, Pleasantview; A. D. Hartford, Claude Sprinkle, Littleton; Dan Armer, T. J. Loring, Huntsville; J. W. Ussery, Frederick.

Change of Name.

Henry Von Ach to Sam Bishop; Roy May to May Bros.; Frank Provard to George Provard; Taylor Bros. to Henry Duffield; Isaac Stevens to Thos. Engle; Freeman & Harris to John Freeman; C. G. Davis to Elmer Hamilton; John Zimmerman to Frank Wagles; J. O. Thompson to Thompson Bros.; Lyman Bennett to Meredith Bros., No. 2; Bunt Bros. to John Lowery; C. L. DeWitt Coal Co. to George Edwards; Geary & Parsons to Geary & Simpson; France & Hish to Hish & Glimpse; Towns & Foutch to C. J. Coon; John Wiley to Homer Carey; Bert Steel to James Allen; Leonard Robinson to Maneeley & Paine; John Cribble to Wm. Vincent.

Improvements.

The Monmouth Coal Mining Company, Brereton, Fulton County, has just completed sinking and connecting a new air shaft at the working face of the mine, a distance of about one and one-fourth miles from the hoisting shaft. A new electric 110-volt generator, to furnish lights in the mine and around the surface buildings has been installed, replacing an old Edison type. A new booster fan to aid in distributing the air to the several points where needed, has been put in.

At the Big Creek Coal Company's mines, St. David, Dunfermline and Cuba, since Mr. Hogan assumed the superintendency, the following changes have been made: Mine No. 4, Dunfermline, the main south section has been worked out and abandoned. The main east section has been opened, requiring the expenditure of considerable money in the way of grading, timbering and laying iron for a distance of 2,500 feet. Two large motor partings, 400 to 500 feet long were made; the boiler at plant replaced and a new smokestack erected. At Mine No. 2, St. David, the company is putting in a passing parting, 500 feet long, for the motors to pass. This is a drift mine and two ten-ton motors pull the coal from the inside parting to the outside, a distance of about two miles. At Mine No. 3, Cuba, the company is doing some very extensive work on the tipple and screens, putting in concrete foundations for piers and also repairing haulage engine and putting in foundation for same.

The Alden Coal Company, Farmington, Fulton County, is concreting the hoisting and escapement shafts at No. 8 mine.

The Silver Creek Colliery Company, at Farmington, has added a ten-ton electric motor for the underground haulage, concreted the shaft with cement blocks, remodeled the bottom of the shaft and graded same on west side for a distance of 450 feet, thereby allowing the loads to run to the cage without any manual appliances whatever. A new coal crusher, 30 by 36, driven by a 40-horsepower motor (connecting belt 15 feet long) has been installed and the yard room for loaded cars has been enlarged.

The Spoon River Coal Company at Maton, Fulton County, has installed electric haulage in place of the gasoline motor formerly used.

The Simmons Coal Company, Canton, has added four new mining machines to the underground equipment.

Fatal Accidents.

September 20, 1915, Curtis J. Anderson, motorman, age 24 years, married, was killed in Big Creek Coal Company's No. 4 mine, Dunfermline, Fulton County. Deceased was driving the motor when the car next to the motor left the rail, catching him between them. He leaves a widow and one child.

September 29, 1915, John Sheehan, miner, age 28 years, married, was killed in Spoon River Coal Company's No. 1 mine, Ellisville, Fulton County. Deceased fired a rib shot which blew through crushing his skull. He leaves a widow.

November 18, 1915, Walter Merchant, laborer, age 45 years, married, employed at the No. 8 mine, Alden Coal Company, Farmington, Fulton County, fell off a railroad car. His neck was broken. He leaves a widow.

December 1, 1915, Herbert Carey, miner, age 18 years, single, was killed by a fall of rock in the A. C. Redding mine, Brooklyn, Schuyler County.

December 2, 1915, Drogen Tonrich, driver, age 24 years, married, was killed by pit cars in Big Creek Coal Company's No. 2 mine, St. David, Fulton County. He leaves a widow and one child.

March 9, 1916, Sam Lowery, miner, age 66 years, single, was killed by a fall of roof in the mine operated by Jesse Goodman, Lewistown, Fulton County.

May 1, 1916, Carl Sandburg, electrician, age 28 years, married, was killed in Big Creek Coal Company's No. 2 mine, St. David, Fulton County. Deceased was riding on the motor when it left the track knocking out props and letting down the slate which crushed him. He leaves a widow and one child.

Respectfully submitted,

David Z. Thrush,
State Inspector of Mines, Fourth District, Farmington, Ill.

FATAL CASUALTIES, FOURTH DISTRICT, JUNE 30, 1916.

Date.	Name.	Age.	Occupation.	Residence.	Married.	Single.	Widow.	Children.	Dependents.	Cause of death.
1915										
Sept. 20	Curtis J. Anderson..	24	Motorman.....	Dunfermline...	1	..	1	1	2	Pit car.
29	John Sheehan.....	28	Miner.....	Ellisville.....	1	..	1	..	1	Shot blown through rib.
Nov. 18	Walter Merchant....	45	Laborer.....	Farmington....	1	..	1	..	1	Fell off railroad car.
Dec. 1	Herbert Carey.....	18	Miner.....	Brooklin.....	..	1	..	..	..	Falling rock.
2	Drogen Tonrich.....	24	Driver.....	St. David.....	1	..	1	1	2	Pit car.
1916										
Mar. 9	Sam Lowery.....	66	Miner.....	Lewistown.....	..	1	..	..	..	Falling rock.
May 1	Carl Sandburg.....	28	Electrician.....	Canton.....	1	..	1	1	2	Falling slate.
	Total.....	..	.....	.....	5	2	5	3	8	

RECAPITULATION OF FATAL ACCIDENTS, FOURTH DISTRICT, 1916.

Residence.	No.	Occupation.	No.	Cause of accident.	No.	Colliery.	No.
Brooklyn	1	Driver.....	1	Falling rock.....	2	Alden Coal Co.....	1
Canton.....	1	Electrician.....	1	Falling slate.....	1	Big Creek Coal Co.....	3
Dunfermline.....	1	Laborer.....	1	Fell off railroad car.	1	Bishop, Sam.....	1
Ellisville.....	1	Miners.....	3	Pit cars.....	2	Carey, Homer.....	1
Farmington.....	1	Motorman.....	1	Shot blown through rib.....	1	Spoon River Coal Co...	1
Lewistown.....	1						
St. David.....	1						
Total.....	7	.....	7	.....	7	.....	7

NONFATAL CASUALTIES, FOURTH DISTRICT, JUNE 30, 1916.

Date.	Name.	Age.	Residence.	Married.	Single.	Children.	Dependents.	Character of injury and cause of accident.	Time lost—days.
1915									
July 7	Julis Gayauski.....	38	Farmington....	1	..	..	1	Leg broken, falling slate.....	*
7	Charles Fitch.....	22	St. David.....	..	1	..	..	Head injured, pit car.....	67
22	Ben Kirk.....	22	Canton.....	..	1	..	..	Leg injured, pit car.....	86
Aug. 10	Chas. Feooi.....	28	Farmington....	1	..	2	3	Toes broken, machine.....	32
18	Toney Frezzle.....	33	..do.....	1	..	5	6	Finger broken, machine.....	36
30	Roy Thrush.....	28	Canton.....	1	..	1	2	Ribs broken, mule.....	36
Sept. 14	P. J. Goett.....	57	..do.....	1	..	3	4	Wrist broken, fell down.....	117
20	Leo Feldnor.....	21	..do.....	1	..	2	3	Legs injured, pit car.....	47
Nov. 24	P. C. Straley.....	58	..do.....	1	..	4	5	Leg broken, struck by rope.....	57
Dec. 15	Martin Midga.....	45	..do.....	1	..	5	6	Foot injured, falling clod.....	36
22	Tony Shepick.....	34	St. David.....	1	..	..	1	Leg injured, pit car.....	31
29	Neil Brogan, Jr.....	18	Dunfermline...	..	1	..	..	Arm injured, pit car.....	37
1916									
Jan. 12	Anton Passinie.....	25	Farmington....	..	1	..	..	Body injured, falling slate.....	30
31	Jenkins Jones.....	45	Canton.....	1	..	2	2	Leg broken, pit cars.....	126
Mar. 3	Bruce Kirk.....	21	..do.....	1	..	..	1	Toes cut off, motor.....	133
May 6	W. Harkliss.....	30	London Mills...	1	..	1	2	Leg broken, falling clod.....	66
	Total.....	..	.....	12	4	25	36		

* Not returned to work July 1, 1916.

Number injured.....	16	Time lost by men returned—days.....	937
Not returned to work.....	1	Average days lost by men returned.....	62.47
Number returned to work.....	15		

RECAPITULATION OF NONFATAL ACCIDENTS, FOURTH DISTRICT, 1916.

Residence.	No.	Occupation.	No.	Cause of accident.	No.	Colliery.	No.
Canton	8	Drivers	5	Falling clod	2	Alden Coal Co.	3
Dunfermline	1	Machine helper.	1	Falling slate	2	Big Creek Coal Co.	8
Farmington	4	Machine runner	2	Fell down	1	Silver Creek Coal Co.	1
London Mills	1	Miners	5	Machine	2	Simmons Coal Co.	2
St. David	2	Timberman	1	Motor	1	Spoon River Coal Co.	2
		Trip riders	2	Mule	1		
				Pit cars	6		
				Struck by rope	1		
Total	16		16		16		16

RECAPITULATION OF NONFATAL CASUALTIES, NATURE OF INJURIES, CONJUGAL RELATIONS, AND TIME LOST, FOURTH DISTRICT, 1916.

Nature of injuries.	Number.	Married.	Single.	Children.	Dependents.	Time lost—days.		Percentage of injuries.
						Total.	Average.	
Arm injured	1	.....	1	.....	.....	37	37.00	6.25
Body injured	1	.....	1	.....	.....	30	30.00	6.25
Finger broken	1	1	.....	5	6	36	36.00	6.25
Foot injured	1	1	.....	5	6	36	36.00	6.25
Head injured	1	.....	1	.....	.....	67	67.00	6.25
Legs broken[1]	4	4	.....	7	10	249	83.00	25.00
Legs injured	3	2	1	2	4	164	54.67	18.75
Ribs broken	1	1	.....	1	2	36	36.00	6.25
Toes broken	1	1	.....	2	3	32	32.00	6.25
Toes cut off	1	1	.....	.....	1	133	133.00	6.25
Wrist broken	1	1	.....	3	4	117	117.00	6.25
Total	16	12	4	25	36	937	62.47	100.00

[1] One not returned to work.

CASS COUNTY,

Number.	Name of operator.	Post-office address of the mine.	Output of mines in tons. Mine run.	Lump.	Other grades.	Total.	Tons loaded on cars for shipment.
	LOCAL MINES.						
1	Edwin S. Knight	Beardstown	1,200	.....	.....	1,200	.....

Mines in 1915, 1. Mines in 1916, 1.

FULTON COUNTY,

Number.	Name of operator.	Post-office address of the mine.	Mine run.	Lump.	Other grades.	Total.	Tons loaded on cars for shipment.
	SHIPPING MINES.						
1	Big Creek Coal Co., No. 2	St. David	67,485	45,038	154,472	266,995	256,409
2	Big Creek Coal Co., No. 4	Dunfermline	100,677	12,811	71,270	184,758	176,071
3	Silver Creek Colliery Co., No. 1	Farmington	7,328	86,365	77,475	171,168	100,986
4	Star Coal Co., No. 3	Cuba	.....	33,643	127,363	161,006	61,231
5	Monmouth Coal Mining Co., No. 1	Brereton	5,693	46,542	85,444	137,679	131,720
6	Maplewood Colliery Co., No. 2	Farmington	3,042	29,153	103,064	135,259	47,756
7	Alden Coal Co., No. 5	..do	184	30,448	80,578	111,210	41,985
8	Simmons Coal Co	Canton	674	27,577	74,561	102,812	68,938
9	National Coal Mining Co	Farmington	1,643	38,796	56,665	97,104	46,440
10	Eagle Mining Co	Canton	28,626	40,594	25,613	94,833	53,649
11	Alden Coal Co., No. 8	Farmington	.....	15,078	71,990	87,068	31,182
12	Spoon River Coal Co., No. 1	London Mills	16,847	24,865	43,376	85,088	63,343
13	Alden Coal Co., No. 6	Norris	477	16,085	55,041	71,603	36,497
14	Maplewood Coal Co., No. 1	Farmington	35,833	2,633	10,349	48,815	45,030
15	Big Creek Coal Co., No. 3	Cuba	1,665	7,813	35,690	45,168	42,911
16	Star Coal Co., No. 2	..do	55	27,911	14,770	42,736	18,236
17	Star Coal Co., No. 1	Fiatt	2,688	3,192	23,975	29,855	13,520
18	Coal Creek Mining Co	Fairview	4,292	15,832	8,028	28,152	28,152
	Total		277,209	504,376	1,119,724	1,901,309	1,264,056
	LOCAL MINES.						
1	Neil Baxter	Canton	18,500	.....	.....	18,500	.....
2	Westerby Bros. & Gooden	Farmington	14,250	.....	.....	14,250	.....
3	Joe Jankovich	Canton	11,450	.....	.....	11,450	.....
4	W. S. Middleton	..do	8,500	.....	.....	8,500	.....
5	Joe McLaughlin	..do	7,500	.....	.....	7,500	.....
6	George Grindall	Cuba	7,000	.....	.....	7,000	.....
7	James Yocum	Lewistown	3,800	.....	.....	3,800	.....
8	Riverside Coal Co	Ellisville	3,500	.....	.....	3,500	.....
9	R. J. Nahn	Lewistown	3,450	.....	.....	3,450	.....
10	Sam Bishop	..do	2,410	.....	.....	2,410	.....
11	Joe Brous	Canton	2,350	.....	.....	2,350	.....
12	Ross Parr	Astoria	1,950	.....	.....	1,950	.....
13	Chas. Golick	Canton	1,900	.....	.....	1,900	.....
14	A. J. Gunnett	Fairview	1,895	.....	.....	1,895	.....
15	Fred Lingenfelter	Canton	1,850	.....	.....	1,850	.....
16	John Johnson	St. David	1,800	.....	.....	1,800	.....
17	Wm. Bath	..do	1,500	.....	.....	1,500	.....
18	Chas. Falkenstien	Astoria	1,425	.....	.....	1,425	.....
19	Nick Bennett	Cuba	1,300	.....	.....	1,300	.....
20	Otto Garren	St. David	.....	1,200	80	1,280	.....
21	Wm. Irvin	Cuba	1,275	.....	.....	1,275	.....
22	Geo. Stambaugh	Summum	1,250	.....	.....	1,250	.....
23	Silas Simpson	Cuba	1,223	.....	.....	1,223	.....
24	Floid Calhoun	Marietta	1,215	.....	.....	1,215	.....
25	May Bros	Lewistown	1,205	.....	.....	1,205	.....
26	W. A. Foraker	Marietta	1,180	.....	.....	1,180	.....
27	C. D. Atherton	Ipava	1,120	.....	.....	1,120	.....
28	Henry Duffield	Glasford	1,100	.....	.....	1,100	.....
29	Fred Naumeker	Marietta	1,073	.....	.....	1,073	.....
30	F. C. Rowden	Cuba	1,055	.....	.....	1,055	.....
31	J. L. Orwig	Marietta	978	.....	.....	978	.....
32	Memums Bros	Breeds	960	.....	.....	960	.....
33	Draper Bros	Maple Mills	925	.....	.....	925	.....
34	Eyman Bros	Lewistown	915	.....	.....	915	.....
35	James Baker	Ipava	900	.....	.....	900	.....

FOURTH DISTRICT, 1916.

Disposition of output.				Kegs of powder used for blasting coal.	Pounds of permissible explosives used.	Days of active operation.	Total number employed.	Tons mined.		Mining machines—number in use.	Accidents.		Number of motors in use.	Number of animals under ground.	
Tons supplied to locomotives at mines.	Tons sold to railroad companies and loaded on cars.	Tons sold to local trade.	Tons consumed or wasted at the mines.					By hand.	By machine.		Killed.	Injured.			Number.
.....	.....	1,200	.....	10	....	190	3	1,200	.....	....	....	....	....	....	1

FOURTH DISTRICT, 1916.

540	.....	.....	10,046	6,186	....	222	294	25,921	241,074	12	2	1	3	33	1
.....	.....	739	7,948	3,625	....	203	240	155,697	29,061	8	1	7	2	28	2
.....	66,582	.....	3,600	10,400	....	186	263	171,168	.....	....	....	1	2	16	3
.....	97,707	.....	2,068	8,169	....	218	191	161,006	.....	....	....	....	....	14	4
.....	.....	.....	5,959	7,892	....	165	190	137,679	.....	....	....	....	2	13	5
.....	80,703	660	6,140	8,620	....	242	172	135,259	.....	....	....	....	1	15	6
.....	66,810	664	1,751	7,424	....	175	188	111,210	.....	....	....	1	....	23	7
.....	3 ,410	.....	2,464	1,816	....	176	138	12,104	90,708	4	....	2	1	8	8
.....	46,444	193	4,027	6,471	....	162	150	97,104	.....	....	....	....	....	16	9
11,497	22,969	5,629	1,089	5,332	....	220	138	94,833	.....	....	....	....	1	18	10
.....	54,677	.....	1,209	2,611	....	182	134	.....	87,068	6	1	2	....	10	11
17,702	.....	1,375	2,668	6,545	....	239	110	85,088	.....	....	1	2	....	4	12
.....	32,528	1,561	1,017	4,809	....	155	133	71,603	.....	....	....	....	2	14	13
.....	.....	.....	3,785	3,171	....	160	105	48,815	.....	....	....	....	1	4	14
869	.....	313	1,075	2,537	....	92	152	45,168	.....	....	....	....	....	15	15
.....	23,795	.....	705	2,049	....	175	94	42,736	.....	....	....	....	....	12	16
.....	14,605	656	1,074	1,567	....	232	38	29,855	.....	....	....	....	....	3	17
.....	.....	.....	.....	1,517	....	201	30	28,152	.....	....	....	....	....	4	18
30,608	538,230	11,790	56,625	90,741	....	189	2,760	1,453,398	447,911	30	5	16	16	250	
.....	.....	18,100	400	925	....	250	14	18,500	.....	....	....	....	....	....	1
.....	.....	14,000	250	650	....	200	14	14,250	.....	....	....	....	....	....	2
.....	.....	11,100	350	570	....	210	7	11,450	.....	....	....	....	....	....	3
.....	.....	8,500	.....	80	....	250	9	.....	8,500	1	....	....	....	....	4
.....	.....	7,200	300	350	....	250	10	7,500	.....	....	....	....	....	....	5
.....	.....	7,000	.....	349	....	264	8	7,000	.....	....	....	....	....	....	6
.....	.....	3,800	.....	230	....	275	7	3,800	.....	....	....	....	....	....	7
.....	.....	3,100	400	250	....	250	7	3,500	.....	....	....	....	....	....	8
.....	.....	3,450	.....	221	....	270	7	3,450	.....	....	....	....	....	....	9
.....	.....	2,410	.....	123	....	225	3	2,410	.....	....	1	....	....	....	10
.....	.....	2,350	.....	208	....	230	8	2,350	.....	....	....	....	....	....	11
.....	.....	1,950	.....	48	....	230	4	1,950	.....	....	....	....	....	....	12
.....	.....	1,900	.....	130	....	240	3	1,900	.....	....	....	....	....	....	13
.....	.....	1,895	.....	90	....	250	4	1,895	.....	....	....	....	....	....	14
.....	.....	1,850	.....	50	....	160	3	1,850	.....	....	....	....	....	....	15
.....	.....	1,800	.....	72	....	300	4	1,800	.....	....	....	....	....	....	16
.....	.....	1,500	.....	125	....	210	3	1,500	.....	....	....	....	....	....	17
.....	.....	1,425	.....	78	....	215	4	1,425	.....	....	....	....	....	....	18
.....	.....	1,300	.....	65	....	170	3	1,300	.....	....	....	....	....	....	19
.....	.....	1,280	.....	69	....	200	2	1,280	.....	....	....	....	....	....	20
.....	.....	1,275	.....	85	....	195	2	1,275	.....	....	....	....	....	....	21
.....	.....	1,250	.....	60	....	145	6	1,250	.....	....	....	....	....	....	22
.....	.....	1,223	.....	57	....	270	2	1,223	.....	....	....	....	....	....	23
.....	.....	1,215	.....	54	....	165	3	1,215	.....	....	....	....	....	....	24
.....	.....	1,205	.....	58	....	210	3	1,205	.....	....	....	....	....	....	25
.....	.....	1,180	.....	62	....	185	3	1,180	.....	....	....	....	....	....	26
.....	.....	1,120	.....	45	....	175	4	1,120	.....	....	....	....	....	....	27
.....	.....	1,100	.....	60	....	250	2	1,100	.....	....	....	....	....	....	28
.....	.....	1,073	.....	81	....	185	3	1,073	.....	....	....	....	....	....	29
.....	.....	1,055	.....	50	....	110	2	1,055	.....	....	....	....	....	....	30
.....	.....	978	.....	41	....	70	3	978	.....	....	....	....	....	....	31
.....	.....	960	.....	40	....	180	3	960	.....	....	....	....	....	....	32
.....	.....	925	.....	55	....	215	2	925	.....	....	....	....	....	....	33
.....	.....	915	.....	43	....	168	2	915	.....	....	....	....	....	....	34
.....	.....	900	.....	65	....	225	4	900	.....	....	....	....	....	....	35

FULTON COUNTY, FOURTH

Number	Name of operator.	Post-office address of the mine.	Output of mines in tons.				Tons loaded on cars for shipment.
			Mine run.	Lump.	Other grades.	Total.	
36	Chas. Williams	Fairview	875			875	
37	Earl Miller	Lewistown	860			860	
38	Sy. Hilton	Cuba	850			850	
39	Geo. Garrett	Astoria	850			850	
40	Andrew Webber	Ipava	775			775	
41	Bert Brush	Marietta	756			756	
42	O. H. Standard	Canton	750			750	
43	Peter Westerfield	..do	725			725	
44	Dave Gladwell	Breeds	700			700	
45	Frank Tindall	Glasford	700			700	
46	J. R. McBride	Astoria	665			665	
47	E. Robinson	Table Grove	655			655	
48	M. R. Parks	Bluff City	635			635	
49	N. C. Morgan	Cuba	613			613	
50	Dan Bollinger	..do	500			500	
51	Nelson W. Rastler	Astoria	480			480	
52	Dan Valentine	Summum	450			450	
53	Fred Sprague	Canton	450			450	
54	Robert English	Marietta	410			410	
55	Freeman & Harris	Cuba	390			390	
56	Ed. Gofinch	..do	385			385	
57	J. C. Bybee	Canton	380			380	
58	Isaac Hendee	Astoria	375			375	
59	Diamond & Booker	..do	375			375	
60	John Whitehead	Maple Mills	350			350	
61	Frank Lee	Breeds	350			350	
62	Henry Kruzan	Ipava	350			350	
63	Tom Engle	Cuba	298			298	
64	Lewis Clark	Lewistown	275			275	
65	John Gilson	Summum	275			275	
66	James Pollett	St. David	268			268	
67	Wilson Bros	Astoria	225			225	
68	John Daniels	Marietta	225			225	
69	J. H. Foutch	Maple Mills	215			215	
70	John Ealen	Marietta	214			214	
71	W. B. Margart	Canton	211			211	
72	Sylvester Wade	..do	210			210	
73	William Hornback	Fairview		200		200	
74	Smith Bros	Marietta	193			193	
75	Arthur Billings	Lewistown	184			184	
76	John Stufflebaum	..do	180			180	
77	J. W. Williams	Fiatt	178			178	
78	Sherman Ketchum	Canton	175			175	
79	George Edgerly	Fairview	170			170	
80	Fred Baughman	Marietta	165			165	
81	Dave Brooks	Bryant	154			154	
82	Claude Morgan	Marietta	154			154	
83	James Coons	..do	152			152	
84	Robert Melton	Canton	145			145	
85	Joe Berry	Cuba	142			142	
86	Frank Hubble	Avon		140		140	
87	Geo. Miller	Lewistown	128			128	
88	D. G. Coplinger	Cuba	125			125	
89	James Grindall	..do	125			125	
90	L. E. Johnson	Canton	125			125	
91	Geo. Provard	St. David	125			125	
92	J. D. Raker	Maple Mills	120			120	
93	John Davis	Cuba	118			118	
94	Arthur Stell	..do	115			115	
95	C. O. David	Ipava	80			80	
96	Henry Stickler	Canton		25		25	
	Total		133,827	1,565	80	135,472	
	Total—114 mines		411,036	505,941	1,119,804	2,036,781	1,264,056

Mines reported for 1915, 119. New mines, 26. Abandoned mines, 31. Mines in 1916, 114.

DISTRICT, 1916—concluded.

Disposition of output.				Kegs of powder used for blasting coal.	Pounds of permissible explosives used.	Days of active operation.	Total number employed.	Tons mined.		Mining machines—number in use.	Accidents.		Number of motors in use.	Number of animals under ground.	Number.
Tons supplied to locomotives at mines.	Tons sold to railroad companies and loaded on cars.	Tons sold to local trade.	Tons consumed or wasted at the mines.					By hand.	By machine.		Killed.	Injured.			
.....	.....	875	.....	40	....	150	3	875	.....	....	....	....	....	....	36
.....	.....	860	.....	40	....	215	5	860	.....	....	....	....	....	....	37
.....	.....	850	.....	31	....	170	2	850	.....	....	....	....	....	....	38
.....	.....	850	.....	45	....	190	3	850	.....	....	....	....	....	....	39
.....	.....	775	.....	35	....	200	3	775	.....	....	....	....	....	....	40
.....	.....	756	.....	45	....	211	3	756	.....	....	....	....	....	....	41
.....	.....	750	.....	35	....	120	2	750	.....	....	....	....	....	....	42
.....	.....	725	.....	33	....	130	2	725	.....	....	....	....	....	....	43
.....	.....	700	.....	182	....	25	2	700	.....	....	....	....	....	....	44
.....	.....	700	.....	35	....	175	2	700	.....	....	....	....	....	....	45
.....	.....	665	.....	.....	....	225	3	665	.....	....	....	....	....	....	46
.....	.....	655	.....	30	....	175	3	655	.....	....	....	....	....	....	47
.....	.....	635	.....	30	....	130	2	635	.....	....	....	....	....	....	48
.....	.....	613	.....	25	....	122	2	613	.....	....	....	....	....	....	49
.....	.....	500	.....	20	....	280	2	500	.....	....	....	....	....	....	50
.....	.....	480	.....	.....	....	210	2	480	.....	....	....	....	....	....	51
.....	.....	450	.....	25	....	200	2	450	.....	....	....	....	....	....	52
.....	.....	450	.....	25	....	225	1	450	.....	....	....	....	....	....	53
.....	.....	410	.....	31	....	255	1	410	.....	....	....	....	....	....	54
.....	.....	390	.....	23	....	95	2	390	.....	....	....	....	....	....	55
.....	.....	385	.....	19	....	220	2	385	.....	....	....	....	....	....	56
.....	.....	380	.....	19	....	95	2	380	.....	....	....	....	....	....	57
.....	.....	375	.....	.....	....	200	2	375	.....	....	....	....	....	....	58
.....	.....	375	.....	18	....	80	2	375	.....	....	....	....	....	....	59
.....	.....	350	.....	18	....	160	3	350	.....	....	....	....	....	....	60
.....	.....	350	.....	30	....	180	3	350	.....	....	....	....	....	....	61
.....	.....	350	.....	.....	....	200	3	350	.....	....	....	....	....	....	62
.....	.....	298	.....	17	....	75	2	298	.....	....	....	....	....	....	63
.....	.....	275	.....	10	....	140	2	275	.....	....	....	....	....	....	64
.....	.....	275	.....	.....	....	150	2	275	.....	....	....	....	....	....	65
.....	.....	268	.....	12	....	85	2	268	.....	....	....	....	....	....	66
.....	.....	225	.....	.....	....	150	3	225	.....	....	....	....	....	....	67
.....	.....	225	.....	5	....	90	2	225	.....	....	....	....	....	....	68
.....	.....	215	.....	13	....	90	2	215	.....	....	....	....	....	....	69
.....	.....	214	.....	10	....	220	1	214	.....	....	....	....	....	....	70
.....	.....	211	.....	10	....	95	2	211	.....	....	....	....	....	....	71
.....	.....	210	.....	10	....	60	2	210	.....	....	....	....	....	....	72
.....	.....	200	.....	10	....	100	1	200	.....	....	....	....	....	....	73
.....	.....	193	.....	9	....	110	2	193	.....	....	....	....	....	....	74
.....	.....	184	.....	10	....	125	1	184	.....	....	....	....	....	....	75
.....	.....	180	.....	.....	....	160	1	180	.....	....	....	....	....	....	76
.....	.....	178	.....	8	....	55	2	178	.....	....	....	....	....	....	77
.....	.....	175	.....	10	....	60	1	175	.....	....	....	....	....	....	78
.....	.....	170	.....	10	....	60	1	170	.....	....	....	....	....	....	79
.....	.....	165	.....	7	....	55	1	165	.....	....	....	....	....	....	80
.....	.....	154	.....	11	....	60	2	154	.....	....	....	....	....	....	81
.....	.....	154	.....	7	....	78	1	154	.....	....	....	....	....	....	82
.....	.....	152	.....	7	....	63	3	152	.....	....	....	....	....	....	83
.....	.....	145	.....	6	....	85	2	145	.....	....	....	....	....	....	84
.....	.....	142	.....	8	....	50	3	142	.....	....	....	....	....	....	85
.....	.....	140	.....	12	....	40	2	140	.....	....	....	....	....	....	86
.....	.....	128	.....	6	....	65	2	128	.....	....	....	....	....	....	87
.....	.....	125	.....	7	....	50	2	125	.....	....	....	....	....	....	88
.....	.....	125	.....	6	....	60	1	125	.....	....	....	....	....	....	89
.....	.....	125	.....	5	....	60	1	125	.....	....	....	....	....	....	90
.....	.....	125	.....	5	....	30	1	125	.....	....	....	....	....	....	91
.....	.....	120	.....	5	....	30	2	120	.....	....	....	....	....	....	92
.....	.....	118	.....	7	....	85	2	118	.....	....	....	....	....	....	93
.....	.....	115	.....	7	....	60	1	115	.....	....	....	....	....	....	94
.....	.....	80	.....	6	....	45	1	80	.....	....	....	....	....	....	95
.....	.....	25	.....	1	....	20	1	25	.....	....	....	....	....	....	96
.....	.....	133,772	1,700	6,640	....	154	289	126,972	8,500	1	1	....	....	....	
30,608	538,230	145,562	58,325	97,381	....	160	3,049	1,580,370	456,411	31	6	....	16	250	

HANCOCK COUNTY,

Number.	Name of operator.	Post-office address of the mine.	Output of mines in tons. Mine run.	Lump.	Other grades.	Total.	Tons loaded on cars for shipment.
	LOCAL MINES.						
1	Meredith Bros., No. 1	Augusta	1,810			1,810	
2	Jones & Ebben	..do	1,500			1,500	
3	Meredith Bros., No. 2	..do	850			850	
	Total		4,160			4,160	

Mines in 1915, 4. Abandoned mines, 1. Mines in 1916, 3.

M'DONOUGH COUNTY,

	LOCAL MINES.						
1	Baird Bros	Colchester	3,075		950	4,025	
2	John Wilson	..do		2,284		2,284	
3	Foster Coal Co	..do	1,600			1,600	
4	P. M. Jennings	Industry		823		823	
5	Ed Zinn	..do		800		800	
6	C. P. Sweeney	Vermont		672		672	
7	Elmer Hamilton	Blandinsville		666		666	
8	Gilbert Miller	Colchester		600		600	
9	Jack McGrann	..do		600		600	
10	C. C. Tone	..do	575			575	
11	Elmer Swanson	..do		475	25	500	
12	Len Williams	..do		490		490	
13	Harpe & Fenten	..do		464		464	
14	Frank Murray	..do		450		450	
15	Wayland Bros	..do		420		420	
16	John Berry	..do		420		420	
17	Wm. Whalen	..do		400		400	
18	Willis Nelson	..do		364		364	
19	Hoar & Barber	..do		349		349	
20	Webster & Stone	..do		300	30	330	
21	Alla Vawters	..do		327		327	
22	Thompson Bros	Macomb		322		322	
23	C. M. Icenogle	..do		260		260	
24	Sam Green	Colchester		260		260	
25	Charles Norris	Macomb		256		256	
26	John Lowery	Colchester		250		250	
27	George Curtis	Industry		240		240	
28	James Wayland	Colchester		220		220	
29	I. L. Willey	Macomb		205		205	
30	W. L. Stoneking	Birmingham		201		201	
31	Allan Mourning	Colchester		200		200	
32	Marion W. McClure	..do		200		200	
33	J. H. Kipling	..do		200		200	
34	Fox Bros	..do		160		160	
35	C. E. Stone	..do		150		150	
36	Sam McCord	..do		143		143	
37	Harry Averill	..do		140		140	
38	James Wilson	..do		140		140	
39	Wm. Jones	..do	40	93		133	
40	Frank Vogler	Birmingham		123		123	
41	Frank Wagle	Colchester		120		120	
42	Isaac Fisher	..do		120		120	
43	Tom Kipling	..do		120		120	
44	Oscar Swanson	..do		90	12	102	
45	Henry Finch	Macomb		100		100	
46	G. E. Dickson	Colchester		90		90	
47	Andy Stoneking	Birmingham		85		85	
48	Clarence Martin	Colchester		80		80	
49	Joe Welch	..do		42		42	
50	George Polonus	..do		10		10	
	Total—50 mines		5,290	15,524	1,017	21,831	

Mines reported for 1915, 47. New mines, 8. Abandoned mines, 5. Mines in 1916, 50.

FOURTH DISTRICT, 1916.

Disposition of output.				Kegs of powder used for blasting coal.	Pounds of permissible explosives used.	Days of active operation.	Total number employed.	Tons mined.		Mining machines—number in use.	Accidents.		Number of motors in use.	Number of animals under ground.	
Tons supplied to locomotives at the mines.	Tons sold to railroad companies and loaded on cars.	Tons sold to local trade.	Tons consumed or wasted at the mines.					By hand.	By machine.		Killed.	Injured.			Number.
.....	.....	1,810	.....	.....	....	305	7	1,810	.....	....	....	....	....	....	1
.....	.....	1,500	.....	.....	....	200	6	1,500	.....	....	....	....	....	....	2
.....	.....	850	.....	.....	....	260	5	850	.....	....	....	....	....	....	3
.....	.....	4,160	.....	.....	....	255	18	4,160	.....	....	....	....	....	....	

FOURTH DISTRICT, 1916.

.....	.....	3,075	950	.....	....	175	10	4,025	.....	....	....	....	....	....	1
.....	.....	2,284	.....	.....	....	150	7	2,284	.....	....	....	....	....	....	2
.....	.....	1,600	.....	.....	....	200	6	1,600	.....	....	....	....	....	....	3
.....	.....	823	.....	.....	....	80	4	823	.....	....	....	....	....	....	4
.....	.....	800	.....	.....	....	200	3	800	.....	....	....	....	....	....	5
.....	.....	672	.....	.....	....	100	7	672	.....	....	....	....	....	....	6
.....	.....	666	.....	.....	....	260	4	666	.....	....	....	....	....	....	7
.....	.....	600	.....	.....	....	150	5	600	.....	....	....	....	....	....	8
.....	.....	600	.....	.....	....	120	4	600	.....	....	....	....	....	....	9
.....	.....	575	.....	.....	....	180	3	575	.....	....	....	....	....	....	10
.....	.....	500	.....	.....	....	150	2	500	.....	....	....	....	....	....	11
.....	.....	490	.....	.....	....	152	3	490	.....	....	....	....	....	....	12
.....	.....	464	.....	.....	....	200	2	464	.....	....	....	....	....	....	13
.....	.....	450	.....	.....	....	200	2	450	.....	....	....	....	....	....	14
.....	.....	420	.....	.....	....	190	2	420	.....	....	....	....	....	....	15
.....	.....	420	.....	.....	....	60	2	420	.....	....	....	....	....	....	16
.....	.....	400	.....	.....	....	100	3	400	.....	....	....	....	....	....	17
.....	.....	364	.....	.....	....	120	3	364	.....	....	....	....	....	....	18
.....	.....	349	.....	.....	....	148	2	349	.....	....	....	....	....	....	19
.....	.....	330	.....	.....	....	140	2	330	.....	....	....	....	....	....	20
.....	.....	327	.....	.....	....	140	2	327	.....	....	....	....	....	....	21
.....	.....	322	.....	.....	....	140	2	322	.....	....	....	....	....	....	22
.....	.....	260	.....	.....	....	130	2	260	.....	....	....	....	....	....	23
.....	.....	260	.....	.....	....	75	2	260	.....	....	....	....	....	....	24
.....	.....	256	.....	.....	....	253	1	256	.....	....	....	....	....	....	25
.....	.....	250	.....	.....	....	80	2	250	.....	....	....	....	....	....	26
.....	.....	240	.....	.....	....	200	1	240	.....	....	....	....	....	....	27
.....	.....	220	.....	.....	....	135	2	220	.....	....	....	....	....	....	28
.....	.....	205	.....	.....	....	125	1	205	.....	....	....	....	....	....	29
.....	.....	201	.....	.....	....	90	2	201	.....	....	....	....	....	....	30
.....	.....	200	.....	.....	....	100	2	200	.....	....	....	....	....	....	31
.....	.....	200	.....	.....	....	100	2	200	.....	....	....	....	....	....	32
.....	.....	200	.....	.....	....	100	2	200	.....	....	....	....	....	....	33
.....	.....	160	.....	.....	....	80	2	160	.....	....	....	....	....	....	34
.....	.....	150	.....	.....	....	47	2	150	.....	....	....	....	....	....	35
.....	.....	143	.....	.....	....	100	2	143	.....	....	....	....	....	....	36
.....	.....	140	.....	.....	....	35	2	140	.....	....	....	....	....	....	37
.....	.....	140	.....	.....	....	35	2	140	.....	....	....	....	....	....	38
.....	.....	133	.....	.....	....	90	2	133	.....	....	....	....	....	....	39
.....	.....	123	.....	.....	....	50	1	123	.....	....	....	....	....	....	40
.....	.....	120	.....	.....	....	105	1	120	.....	....	....	....	....	....	41
.....	.....	120	.....	.....	....	60	2	120	.....	....	....	....	....	....	42
.....	.....	120	.....	.....	....	60	2	120	.....	....	....	....	....	....	43
.....	.....	102	.....	.....	....	85	1	102	.....	....	....	....	....	....	44
.....	.....	100	.....	.....	....	60	1	100	.....	....	....	....	....	....	45
.....	.....	90	.....	.....	....	44	2	90	.....	....	....	....	....	....	46
.....	.....	85	.....	.....	....	75	1	85	.....	....	....	....	....	....	47
.....	.....	80	.....	.....	....	100	1	80	.....	....	....	....	....	....	48
.....	.....	42	.....	.....	....	37	1	42	.....	....	....	....	....	....	49
.....	.....	10	.....	.....	....	10	1	10	.....	....	....	....	....	....	50
.....	.....	20,881	950	.....	....	116	125	21,831	.....	....	....	....	....	....	

MORGAN COUNTY,

Number.	Name of operator.	Post-office address of the mine.	Output of mines in tons.				Tons loaded on cars for shipment.
			Mine run.	Lump.	Other grades.	Total.	
	LOCAL MINES.						
1	W. T. Fisher	Murrayville	975			975	
2	Chas. Wagstaff	..do	560			560	
	Total—2 mines		1,535			1,535	

Mines in 1915, 2. Mines in 1916, 2.

SCHUYLER COUNTY,

Number.	Name of operator.	Post-office address of the mine.	Mine run.	Lump.	Other grades.	Total.	Tons loaded on cars for shipment.
	LOCAL MINES.						
1	John Wristen	Rushville		2,050		2,050	
2	J. R. Thompson	..do		1,900		1,900	
3	Harvey Settles	..do		1,825		1,825	
4	George Edwards	..do		1,800		1,800	
5	Joe Davis	..do		875		875	
6	Elmer Volger	Littleton		750		750	
7	Ross Porter	..do		640		640	
8	Fred W. Croxton	Pleasant View		620		620	
9	William Vincent	Littleton		575		575	
10	John Meredith	Rushville		525		525	
11	Maneeley & Paine	Littleton		520		520	
12	Goary & Simpson	Ray		480		480	
13	France & Loderman	Littleton		450		450	
14	C. J. Coon	Frederick		400		400	
15	George Passno	Ray		361		361	
16	Harris & Vernorman	Huntsville		255		255	
17	Will Cagle	Pleasant View		250		250	
18	Miller & Burnett	Huntsville		250		250	
19	Homer Carry	Brooklyn		220		220	
20	Sprinkle & Rase	Littleton		210		210	
21	Hesh & Glimpse	..do		200		200	
22	George Edwards	Huntsville		200		200	
23	Tom Cummings	Frederick		180		180	
24	Babb & Reed	Birmingham		180		180	
25	Beards Bros	Ray		180		180	
26	Clarence H. Price	Industry		160		160	
27	Frank Depoy & Son	Frederick		150		150	
28	Simon Portwood	Birmingham		140		140	
29	Robert Brooks	Littleton		130		130	
30	James Allen	Pleasant View		120		120	
	Total—24 mines			16,596		16,596	

Mines reported for 1915, 24. New mines, 14. Abandoned mines, 8. Mines in 1916, 30.

SCOTT COUNTY,

Number.	Name of operator.	Post-office address of the mine.	Mine run.	Lump.	Other grades.	Total.	Tons loaded on cars for shipment.
	LOCAL MINES.						
1	Geo. W. Northrop	Alsey	1,575			1,575	
2	D. P. Ratigan	Exeter		680		680	
3	Chas. Taylor	..do		650		650	
4	David D. Orchard	..do		575		575	
5	James J. Morris	..do		460		460	
6	Issac Moore	..do	275			275	
7	James A. Jones	Winchester	255			255	
8	Geo. Sellers	..do	187			187	
	Total—8 mines		2,292	2,365		4,657	

Mines in 1915, 7. New mines, 1. Mines in 1916, 8.

FOURTH DISTRICT, 1916.

Disposition of output.				Kegs of powder used for blasting coal.	Pounds of permissible explosives used.	Days of active operation.	Total number employed.	Tons mined.		Mining machines—number in use.	Accidents.		Number of motors in use.	Number of animals under ground.	Number.
Tons supplied to locomotives at mines.	Tons sold to railroad companies and loaded on cars.	Tons sold to local trade.	Tons consumed or wasted at the mines.					By hand.	By machine.		Killed.	Injured.			
.....	.....	975	.....	.....	....	200	3	975	.....	....	....	....	....	....	1
.....	.....	560	.....	.....	....	175	4	560	.....	....	....	....	....	....	2
.....	.....	1,535	.....	.....	....	188	7	1,535	.....	....	....	....	....	....	

FOURTH DISTRICT, 1916.

.....	.....	2,050	.....	90	....	250	7	2,050	.....	....	....	....	....	....	1
.....	.....	1,900	.....	85	....	250	6	1,900	.....	....	....	....	....	....	2
.....	.....	1,825	.....	95	....	240	5	1,825	.....	....	....	....	....	....	3
.....	.....	1,800	.....	115	....	175	6	1,800	.....	....	....	....	....	....	4
.....	.....	875	.....	38	....	95	6	875	.....	....	....	....	....	....	5
.....	.....	750	.....	10	....	175	2	750	.....	....	....	....	....	....	6
.....	.....	640	.....	25	....	150	2	640	.....	....	....	....	....	....	7
.....	.....	620	.....	.....	....	220	2	620	.....	....	....	....	....	....	8
.....	.....	575	.....	.....	....	125	3	575	.....	....	....	....	....	....	9
.....	.....	525	.....	20	....	60	6	525	.....	....	....	....	....	....	10
.....	.....	520	.....	.....	....	130	2	520	.....	....	....	....	....	....	11
.....	.....	480	.....	.....	....	180	2	480	.....	....	....	....	....	....	12
.....	.....	450	.....	.....	....	40	2	450	.....	....	....	....	....	....	13
.....	.....	400	.....	21	....	130	3	400	.....	....	....	....	....	....	14
.....	.....	361	.....	.....	....	175	2	361	.....	....	....	....	....	....	15
.....	.....	255	.....	6	....	90	2	255	.....	....	....	....	....	....	16
.....	.....	250	.....	6	....	90	2	250	.....	....	....	....	....	....	17
.....	.....	250	.....	.....	....	75	3	250	.....	....	....	....	....	....	18
.....	.....	220	.....	.....	....	125	2	220	.....	....	1	....	....	....	19
.....	.....	210	.....	.....	....	70	2	210	.....	....	....	....	....	....	20
.....	.....	200	.....	.....	....	100	2	200	.....	....	....	....	....	....	21
.....	.....	200	.....	6	....	100	3	200	.....	....	....	....	....	....	22
.....	.....	180	.....	5	....	60	2	180	.....	....	....	....	....	....	23
.....	.....	180	.....	.....	....	60	2	180	.....	....	....	....	....	....	24
.....	.....	180	.....	.....	....	35	3	180	.....	....	....	....	....	....	25
.....	.....	160	.....	.....	....	60	1	160	.....	....	....	....	....	....	26
.....	.....	150	.....	7	....	90	2	150	.....	....	....	....	....	....	27
.....	.....	140	.....	5	....	110	1	140	.....	....	....	....	....	....	28
.....	.....	130	.....	.....	....	140	1	130	.....	....	....	....	....	....	29
.....	.....	120	.....	4	....	125	1	120	.....	....	....	....	....	....	30
.....	.....	16,596	.....	538	....	124	85	16,596	.....	....	1	....	....	....	

FOURTH DISTRICT, 1916.

.....	.....	1,575	2	.....	....	195	6	1,575	.....	....	....	....	....	....	1
.....	.....	680	.....	.....	....	165	3	680	.....	....	....	....	....	....	2
.....	.....	650	.....	.....	....	100	3	650	.....	....	....	....	....	....	3
.....	.....	575	.....	.....	....	180	3	575	.....	....	....	....	....	....	4
.....	.....	460	.....	.....	....	160	3	460	.....	....	....	....	....	....	5
.....	.....	275	.....	.....	....	175	2	275	.....	....	....	....	....	....	6
.....	.....	255	.....	.....	....	100	2	255	.....	....	....	....	....	....	7
.....	.....	187	.....	.....	....	100	2	187	.....	....	....	....	....	....	8
.....	.....	4,657	2	.....	....	147	24	4,657	.....	....	....	....	....	....	

RECAPITULATION BY COUNTIES, FOURTH DISTRICT, 1916.

	Cass.	Fulton.	Hancock.	McDonough.	Morgan.	Schuyler.	Scot..	Total.
Number of mines	1	114	3	50	2	30	8	208
Shipping		18						18
Local	1	96	3	50	2	30	8	190
Production in tons	1,200	2,036,781	4,160	21,831	1,535	16,596	4,657	2,086,760
Shipping		1,901,309						1,901,309
Local	1,200	135,472	4,160	21,831	1,535	16,596	4,657	185,451
Mine run	1,200	411,036	4,160	5,290	1,535		2,292	425,513
Shipping		277,209						277,209
Local	1,200	133,827	4,160	5,290	1,535		2,292	148,304
Lump		505,941		15,524		16,596	2,365	540,426
Shipping		504,376						504,376
Local		1,565		15,524		16,596	2,365	36,050
Other grades		1,119,804		1,017				1,120,821
Shipping		1,119,724						1,119,724
Local		80		1,017				1,097
Disposition of output	1,200	2,036,781	4,160	21,831	1,535	16,596	4,657	2,086,760
Loaded on cars for shipment		1,264,056						1,264,056
Other purposes	1,200	772,725	4,160	21,831	1,535	16,596	4,657	822,704
Shipping		637,253						637,253
Local	1,200	135,472	4,160	21,831	1,535	16,596	4,657	185,451
Kegs of powder used, blasting coal	10	97,381				538	2	97,931
Shipping		90,741						90,741
Local	10	6,640				538	2	7,190
Days of active operation (average)	190	160	255	116	188	124	147	145
Shipping		189						189
Local	190	154	255	116	188	124	147	142
Employees	3	3,049	18	125	7	85	24	3,311
Shipping		2,760						2,760
Local	3	289	18	125	7	85	24	551
Under ground	3	2,831	16	116	6	79	23	3,074
Shipping		2,556						2,556
Local	3	275	16	116	6	79	23	518
Above ground		218	2	9	1	6	1	237
Shipping		204						204
Local		14	2	9	1	6	1	33
Tons mined by hand	1,200	1,580,370	4,160	21,831	1,535	16,596	4,657	1,630,349
Shipping		1,453,398						1,453,398
Local	1,200	126,972	4,160	21,831	1,535	16,596	4,657	176,951
Tons mined by machine		456,411						456,411
Shipping		447,911						447,911
Local		8,500						8,500
Number of machines in use		31						31
Shipping		30						30
Local		1						1

RECAPITULATION BY COUNTIES, FOURTH DISTRICT, 1916—concluded.

	Cass.	Fulton.	Hancock.	McDonough.	Morgan.	Schuyler.	Scott.	Total.
Number of motors in use	.....	16	.....	.....	.....	.....	.....	16
Number killed	.....	6	.....	.....	.....	1	.....	7
Shipping	.....	5	.....	.....	.....	.....	.....	5
Local	.....	1	.....	.....	.....	1	.....	2
Number injured	.....	16	.....	.....	.....	.....	.....	16
Shipping	.....	16	.....	.....	.....	.....	.....	16

Whole number of mines reported for 1915, 204.
Number of new mines opened during the year, 49
Number of mines abandoned during the year, 45.
Whole number of mines reported for 1916, 208.

FIFTH INSPECTION DISTRICT—1916.

COUNTIES—CHRISTIAN, MACON, MOULTRIE, SHELBY AND VERMILION.
J. W. STARKS, *Inspector.*

Hon. J. F. Morris, Chief Clerk, State Mining Board, Springfield.

SIR: Complying with section 5 of the General Mining Law of Illinois, I submit herewith the annual report of the coal producing counties of Christian, Macon, Moultrie, Shelby and Vermilion.

SUMMARY OF THE ITEMS IN THE REPORT.

Number of counties producing coal	5
Number of shipping mines	22
Number of local mines	31
Number of new or reopened mines	16
Number of closed or abandoned mines	10
Number of miners	2,347
Others under ground, men	3,232
Boys under ground	70
Boys above ground	5
Others above ground	462
Total number of employees	6,116
Total tons of coal produced	5,418,397
Days of active operation, all mines	177
Kegs of powder used for blasting coal	107,891
Tons of coal shipped	3,982,517
Tons supplied to locomotives	38,656
Tons sold to railroad companies	886,660
Tons sold to local trade	385,613
Tons consumed and wasted at mines	124,951
Number of fatal accidents	15
Number of nonfatal accidents	164
Number of employees to each fatal accident	408
Number of employees to each nonfatal accident	37
Tons of coal produced to each fatal accident	361,226
Tons of coal produced to each nonfatal accident	33,039
Ratio of fatal accidents per 1,000 employees	2.45

The following table gives the total tonnage by counties, for the years 1915 and 1916, with increase or decrease:

Counties.	Total output—tons—1915.	Total output—tons—1916.	Increase.	Decrease.
Christian	2,020,675	2,373,362	352,687	.....
Macon	157,675	173,530	15,855	.....
Moultrie	174,775	180,040	5,265	.....
Shelby	160,162	82,650	.....	77,512
Vermilion	2,061,535	2,608,815	547,280	.....
Total	4,574,822	5,418,397	921,087	77,512
Net	.....	.....	843,575	.....

New or Reopened Mines.

Shelby County.—A. W. Smith, Wm. Baum, Shelbyville.

Vermilion County.—Palmer Coal Co., Ellis Peffett, Coxon Bros., James Brown, Mons Olson, Grape Creek; George A. Miller, Jones Bros., Danville; Clingen Bros., Ed. Wooster, Westville; Carbon Hill Coal Co., Danville; Jake Willis, Fred Lafferty, Westville; Willis Jenkins, Grape Creek; Cunningham and Cunningham, Danville.

Closed or Abandoned Mines.

Christian County.—Christian County Coal Co., Taylorville.

Shelby County.—Tower Hill Coal Co., Tower Hill; Dan Anderson, Shelbyville.

Vermilion County.—J. W. Mauck & Son, Wm. C. Schafer & Son, Morin & Talbert, Danville; Willy & Wyatt, J. P. Pearson, Catlin; Shumaker & Tuttle, Grape Creek; Victor Redmond, Catlin.

Change of Name.

Stonington Coal Co. to Peabody Coal Co., No. 21; Dering Coal Co., No. 2 to Producers Coal Co., No. 22; Mission Mining Co. to Two Rivers Coal Co.; Fannie Cole to Mrs. W. A. Cole; Anthony Wilson to Westfall Coal Co.

Improvements.

The Peabody Coal Company, at No. 7 mine, has installed four car retarders, thirteen shortwall electric mining machines and built washhouses at No. 7, No. 8 and No. 21 mines and equipped them with steel lockers and shower baths. Tubular boilers have been put in for heating the buildings and water.

At the Penwell Coal Mining Company's mine, a washhouse has been built of brick and concrete and one dynamo, one boiler and two car loaders installed.

The Bunsen Coal Company at Vermilion mine has added fifteen cars, built a brick washhouse thoroughly equipped with hangers, shower heads, heater and ventilating system, so constructed that it can be made practically air tight, which is very essential in case fumigation becomes necessary. At No. 4 mine, a washhouse which is a duplicate of the one built at Vermilion mine, excepting frame construction, has been built. No. 2 mine has been converted into a pumping station. It has been equipped with two 8-inch by 10-inch triplex pumps driven by 40-horsepower A. C. motors. They supply water to a tank of 300,000 gallon capacity located at mine No. 3, a distance of 1¼ miles. Pipe lines extend from this tank to other mines, viz., Vermilion, Kelly No. 4, Kelly No. 3, and Bunsenville, making approximately seven miles of pipe lines. This water is used to supply boilers, washhouses, fire plug on surface, fire fighting equipment and sprinkling plug under ground.

The Sharon Coal Company has installed a small dynamo for lighting system on surface and shaft bottom.

The improvements at the Missionfield Coal Company, mine No. 2, consists of one 35-kilowatt 2,300—250V motor generator set; one 36-inch centrifugal fan, three 25 K. V. A. Transformers, 2,300—220 volts; one 50-pound trip hammer; four ironclad electric mining machines, type C. E. 7, 220 volt A. C.; one 5-ton haulage locomotive 250 V. D. C.; one washhouse and blacksmith shop. At No. 3 mine a washhouse has been erected and an air shaft sunk.

The Danville Collieries Company has extended motor haulage road 1,300 feet.

The Manufacturers and Consumers Coal Company has built a concrete and brick washhouse equipped with showers and a thermostat heating system.

Fatal Accidents.

July 18, 1915, Jacques Orora, machine runner, age 36 years, married, was electrocuted in Assumption Coal and Mining Company's mine, Assumption, Christian County. Deceased evidently reached over the machine to get an oil can when he came in contact with the starting box. He leaves a widow and two children.

October 2, 1915, Joe F. Dukes, miner, age 56 years, widower, was killed by falling rock in mine No. 22, Producers Coal Company, Westville, Vermilion County.

October 6, 1915, George Sanders, miner, age 40 years, single, employed in Bunsen Coal Company's mine No. 4, was loading a car when slate fell from the roof and killed him instantly.

October 23, 1915, Valentine Boria, miner, age 37 years, single, was killed by falling clod in No. 7 mine, Peabody Coal Company, Kincaid, Christian County.

November 9, 1915, James Tate, miner, age 65 years, married, was killed by a shot explosion in the Fannie Cole Mine, Danville, Vermilion County. Deceased had lighted two shots and retired to the entry; he heard one explosion and supposing the other had gone out went back to relight it, when it exploded causing his death three hours later. He leaves a widow and two children.

December 2, 1915, Wm. D. Bolton, miner, age 19 years, single, was killed by falling coal in the Smith-Lohr Coal Company's mine, Pana, Christian County.

December 10, 1915, Angelo Marnai, miner, age 30 years, single, was killed in Peabody Coal Company's No. 8 mine, Kincaid, Christian County, by a shot explosion.

January 12, 1916, Alva Bogart, machine runner, age 28 years, married, employed in No. 7 mine, Peabody Coal Company, Kincaid, Christian County, was killed by falling coal. Deceased was shoveling slack at the rear end of a continuous cutting machine in a cross cut. The machine had cut through to an adjoining room and a large lump of coal, which had probably been broken by previous shots, rolled over from face and crushed his head. He leaves a widow.

January 25, 1916, John Hausler, miner, age 28 years, married, was killed by falling slate in No. 8 mine, Peabody Coal Company. He leaves a widow and two children.

February 6, 1916, Alex Ankaitis, laborer, age 30 years, single, died from the effect of burns due to an explosion of gas January 30, 1916, in the Assumption Coal and Mining Company's mine, Assumption, Christian County. He leaves two dependents.

February 12, 1916, Steve Petrus, miner, age 25 years, married, was killed by falling rock in Bunsen Coal Company's No. 3 mine, Westville, Vermilion County. He leaves a widow and four children.

February 18, 1916, James Farrell, driver, age 22 years, single, was killed in Bunsen Coal Company's Vermilion mine, Georgetown, Vermilion County, by a fall of rock. He leaves two dependents.

April 27, 1916, James Gray, timberman, age 55 years, married, was killed by falling rock in Bunsen Coal Company's No. 3 mine, Westville, Vermilion County. He leaves a widow and two children.

June 8, 1916, William Hodson, miner, age 45 years, married, was killed in Danville Collieries Company's mine, Danville, Vermilion County, by falling rock. He leaves a widow and one child.

June 13, 1916, Percy Wolff, miner, age 21 years, single, was killed by falling rock in Bunsen Coal Company's Vermilion mine, Georgetown, Vermilion County.

Respectfully submitted,

J. W. Starks,

State Inspector of Mines, Fifth District, Georgetown, Ill.

FATAL CASUALTIES, FIFTH DISTRICT, JUNE 30, 1916.

Date.	Name.	Age.	Occupation.	Residence.	Married.	Single.	Widow.	Children.	Dependents.	Cause of death.
1915										
July 18	Jacques Orora	36	Machine runner	Assumption	1	..	1	2	3	Electrocuted.
Oct. 2	Joe F. Dukes	56	Miner	Steelton	..	1	..	2	..	Falling rock.
6	George Sanders	40	..do	Westville	..	1	..	..	..	Falling roof.
23	Valentine Boria	37	..do	Kincaid	..	1	..	..	..	Falling roof.
Nov. 9	James Tate	65	..do	Danville	1	..	1	2	1	Shot explosion.
Dec. 2	Wm. D. Bolton	19	..do	Pana	..	1	..	..	..	Falling coal.
10	Angelo Marnai	30	..do	Troy	..	1	..	..	..	Shot explosion.
1916										
Jan. 12	Alva Bogart	28	Machine runner	Kincaid	1	..	1	..	1	Falling coal (face).
25	John Hausler	28	Miner	..do	1	..	1	2	3	Falling slate.
Feb. 6	Alex. Ankaitis	30	Laborer	Assumption	..	1	..	..	2	Gas explosion.
12	Steve Petrus	25	Miner	Westville	1	..	1	4	5	Falling rock.
18	James Farrel	22	Driver	Grape Creek	..	1	..	..	2	Falling rock.
Apr. 27	James Gray	55	Timberman	Danville	1	..	1	2	2	Falling rock.
June 8	William Hodson	45	Miner	Catlin	1	..	1	1	2	Falling rock.
13	Percy Wolf	21	..do	Georgetown	..	1	..	..	..	Falling coal.
	Total	..			7	8	7	15	21	

RECAPITULATION OF FATAL ACCIDENTS, FIFTH DISTRICT, 1916.

Residence.	No.	Occupation.	No.	Cause of accident.	No.	Colliery.	No.
Assumption	2	Driver	1	Electricity	1	Assumption C. & M. Co.	2
Catlin	1	Laborer	1	Falling coal	3	Bunsen Coal Co	5
Danville	2	Machine runners	2	Falling rock	5	Cole, Mrs. W. A.	1
Georgetown	1	Miners	10	Falling roof	2	Danville Collieries Co.	1
Grape Creek	1	Timberman	1	Falling slate	1	Peabody Coal Co.	4
Kincaid	3			Gas explosion	1	Producers Coal Co.	1
Pana	1			Shot explosion	2	Smith-Lohr Coal Co.	1
Steelton	1						
Troy	1						
Westville	2						
Total	15		15		15		15

NONFATAL CASUALTIES, FIFTH DISTRICT, JUNE 30, 1916.

Date.	Name.	Age.	Residence.	Married.	Single.	Children.	Dependents.	Character of injury and cause of accident.	Time lost—days.
1915									
July 1	Ed. Liggett	33	Georgetown	1	..	3	4	Leg injured, pit car	76
1	Edw. Lonegan	18	Pawnee	....	1	....	....	Leg injured, not stated	80
10	O. Noneil	40	Lovington	1	..	....	1	Body burned, gas explosion	42
12	Wm. McGill	38	..do	....	1	....	....	Body burned, gas explosion	42
15	Mike O'Brien	43	Bulpitt	1	..	3	4	Arm cut off, not stated	73
16	Tom Sisterick	24	Jerseyville	....	1	....	....	Arm broken, not stated	72
17	Joe Patton	23	..do	1	..	2	3	Arm injured, not stated	71
17	S. Cottean	22	Lovington	1	..	....	1	Foot injured, falling coal	60
19	Tony Persna	33	Tobey	1	..	2	3	Hand injured, falling slate	30
21	Geo. W. Davis	43	Oakwood	1	..	....	1	Leg broken, pit car	190
22	Frank Sikoski	53	Westville	1	..	4	1	Finger injured, pit car	56
22	Joe Lizzie	43	Tobey	1	..	2	3	Body injured, not stated	31

NONFATAL CASUALTIES, FIFTH DISTRICT, JUNE 30, 1916—continued.

Date.	Name.	Age.	Residence.	Married.	Single.	Children.	Dependents.	Character of injury and cause of accident.	Time lost—days.
1915									
July 26	Florence Burzetti	21	Westville		1			Leg broken, machine	90
26	Cardido Frescura	31	Kincaid	1			1	Eye injured, not stated	56
30	Jno. Owens	32	Oakwood	1			1	Rib broken, pit car	47
Aug. 2	Alex. Puzneckis	36	Georgetown		1			Body injured, falling rock	220
11	Mike Chantos, Sr	51	..do	1		5	2	Leg broken, falling rock	112
13	C. N. Cord	15	Taylorville	1		2	1	Leg injured, falling clod	34
14	Frank Meditz	33	Pawnee	1			1	Ankle injured, not stated	38
18	Geo. Remonsokey	18	Westville	1		2	3	Head injured, falling rock	54
18	Clarence Shipman	22	Bulpitt		1			Finger injured, pit car	*
19	A. Domongnedd	38	Decatur	1			1	Body injured, falling coal	44
21	John Ruzgis	19	Westville	1		4	5	Body injured, falling rock	100
26	Mark Cooper	31	Georgetown	1			1	Body injured, jack pipe	39
Sept. 4	Donie Baitta	21	Tobey		1			Foot injured, falling clod	32
7	Joe Mahien	21	Westville	1		1	2	Leg broken, fell	47
9	Joe Dudrick	30	..do	1		1	2	Leg broken, falling coal	32
9	Tony Milkavich	31	..do	1		3	4	Foot broken, falling rock	32
9	John Dugan	51	Georgetown	1		1	2	Leg injured, falling coal	41
10	Wilhelm Fidora	15	Decatur	1		8	9	Foot injured, pit car	68
11	Frank Ruark	12	..do		1			Body injured, pit car	33
16	Wallace McKay	29	Taylorville	1		2	3	Head injured, not stated	206
24	Mike Minnett	10	Westville	1		4	5	Arm injured, falling timber	53
28	Joe Benskowski	21	..do	1			1	Foot injured, falling clod	37
29	J. E. Whelan	19	Tilton	1		8	6	Back injured, falling rock	68
29	Jno. Reynolds	29	Danville	1			1	Finger injured, falling rock	42
Oct. 1	Frank Prosko	35	Tobey	1		3	4	Back injured, pit car	33
5	Angelo Pasta	38	Westville		1			Body injured, falling rock	54
5	John Anizas	30	Georgetown	1		1	2	Leg injured, falling rock	34
10	Ed. Jett	50	Moweaqua	1			1	Hands injured, gas explosion	225
10	John Roach	30	..do		1			..do	70
13	Chas. Sekoletz	55	Decatur	1		3	4	Back injured, falling coal	32
15	Wm. Smith	41	Kincaid		1			Ankle broken, not stated	51
15	Oscar Collier	15	Pana	1		2	3	Hand injured, pit car	37
16	George Burgonis	18	Westville	1		2	3	Eye injured, flying coal	30
18	Chas. Lashinskey	28	..do		1			Leg broken, falling coal	124
27	Jas. Birby	30	Moweaqua	1		2	3	Arm broken, falling slate	*
28	Chas. D. Byrd	18	Taylorville	1		4	3	Leg broken, falling rock	60
Nov. 1	Henry Cruppenick	54	Westville	1		8	9	Body injured, falling rock	242
4	Chas. Pietrich	30	Kincaid	1			1	Leg injured, falling slate	*
4	Henry Dampke	53	Danville	1			1	Arm injured, falling rock	49
8	Camlie Faurez	35	Oakwood	1		7	8	Back injured, falling coal	45
12	Angelo Balducie	50	Catlin	1			1	Leg broken, falling rock	100
13	John Gajnouskis	47	Westville		1			Body injured, falling coal	58
17	Fred Powlkowski	40	Decatur	1		4	5	Eye injured, flying coal	58
17	J. K. Roulis	19	Westville		1			Body injured, falling rock	50
25	Dan Gibson	43	Tobey	1		7	8	Rib broken, pit car	39
27	Jno. Toth	29	Kincaid		1			Hand injured, pit car	31
Dec. 1	Constantine Sitron	32	Tobey	1		3	4	Leg injured, not stated	68
3	Frank Sikooski	53	Westville	1		4	1	Body injured, falling coal	89
4	Steve Urich	24	Tobey	1			1	Finger injured, pit car	30
9	Teddy Faryon	42	Westville	1		6	7	Arm injured, falling rock	39
10	Chas. Manuel	31	Jerseyville	1		2	3	Hand broken, not stated	191
10	Samuel Palmer	54	Batestown	1		5	6	Ankle injured, falling rock	168
13	Lee Straight	25	Divernon		1			Leg broken, not stated	86
17	Jno. Stine	18	Batestown	1		4	2	Leg injured, falling coal	30
17	D. C. Wells	19	Danville	1		11	12	Finger injured, falling coal	74
21	Mike Minsok	30	Decatur	1		1	2	Foot injured, falling coal	63
21	Joe Squiro	15	..do	1		2	3	Foot injured, falling coal	30
22	John Nelson	59	Grape Creek	1		4	2	Finger broken, falling coal	33
22	Wm. G. Jarman	18	Danville	1			1	Body injured, falling rock	70
23	Chas. W. Holderman	15	Georgetown	1		1	2	Hand broken, falling coal	59
24	Louis Minor	64	Westville	1		3	1	Leg injured, falling rock	95
24	Andy Gustaitis	38	..do	1		1	2	Head injured, falling rock	70
1916									
Jan. 3	Angelo Luchesi	29	..do	1		1	2	Wrist injured, falling rock	57
6	Walter Shinkus	22	Kincaid		1			Ankle broken, pit car	99
9	Francis Tover	15	Springvalley		1			Collar bone broken, not stated	47
11	Jno. Hanlon	21	Kincaid		1			Leg injured, pit car	120
12	Robt. Macky	40	Lovington	1			1	Leg broken, falling coal	179
12	Tom Kerga	35	Westville	1			1	Leg broken, falling rock	100
12	Albert Hunter	49	..do		1			Leg injured, not stated	49
16	Joe Freitish	23	Kincaid		1			Fingers cut off, pit car	136
17	Wm. Galbraith	32	..do		1			Leg injured, not stated	57

NONFATAL CASUALTIES, FIFTH DISTRICT, JUNE 30, 1916—continued.

Date.		Name.	Age.	Residence.	Married.	Single.	Children.	Dependents.	Character of injury and cause of accident.	Time lost—days.
1916										
Jan.	20	Joseph P. Sulwoski	35	Decatur	1		2	3	Body injured, falling slate	154
	20	Steve Brunick	54	Westville		1			Body injured, pit car	30
	21	John Augustine	21	Kincaid	1			1	Foot injured, pit car	72
	23	Alex. Smith	50	..do	1		4	5	Head injured, not stated	49
	26	Dan Eggerman	26	Taylorville	1		1	2	Ankle injured, not stated	57
	26	Edw. Miller	41	Danville	1		6	7	Body injured, lifting rail	34
	27	Ed. Colvin	33	Georgetown	1		2	3	Leg injured, pit car	32
	28	Victor Lerzerotti	30	Tobey	1		2	3	Back injured, not stated	61
	28	Chas. Dupage, Jr.		Assumption		1			Back injured, lifting coal	50
	29	Art Freeman	40	Pana	1		2	3	Fingers cut off, pit car	150
	31	George Stewart	25	Tobey		1			Leg broken, not stated	72
Feb.	1	Moyne Ferrell		Grape Creek		1			Eye injured, mule	31
	2	Frank Duncan	45	Taylorville	1		2	3	Body injured, pit car	*
	4	John Zenchino	28	Westville		1			Leg injured, mule fell on	118
	5	James Lynch	28	Pana	1			1	Ankle injured, falling coal	30
	10	Andrew Sabol	42	Westville	1		4	5	Body injured, falling coal	43
	10	Angelo Zielinsky	53	Georgetown		1			Hand injured, falling rock	38
	11	Abe Wilson	37	Kincaid	1		2	1	Back injured, falling clod	45
	12	Angelo Carbrozie	37	..do	1		3	4	Ankle injured, not stated	76
	12	Emil Lambert	60	Taylorville	1		12		Head injured, falling slate	*
	12	Chas. Leposky	36	Westville	1		3	4	Foot injured, pit car	34
	14	Walter Daykin	25	Taylorville	1			1	Head injured, pit car	*
	14	Wm. McAnnully	44	..do	1			1	Head injured, falling slate	*
	15	Lee Bertucci	47	..do	1		2	3	Toe broken, cage	*
	17	Louis Debrualleal	56	Westville	1			1	Shoulder injured, falling rock	44
	18	John Muir	60	Pana	1			1	Ribs broken, falling coal	61
	19	Sam Slater	35	..do	1		1	2	Ankle injured, falling coal	50
	21	Chas. Ranshek	43	Decatur	1		4	5	Leg injured, falling coal	52
	21	Joe Kovanics	42	Westville	1		5	5	Leg injured, falling coal	45
	22	Clovis Andre	37	..do	1		2	3	Body injured, fell	57
	26	Victor Guiadano	27	Kincaid		1			Back injured, pit car	41
	26	David Pierce	44	Westville	1		5	3	Toes injured, machine	50
	28	Judge Modest	46	Danville	1		3	4	Shoulder injured, pit car	36
Mar.	3	Amica Ararzlista	49	Humphreys	1		5	6	Foot injured, not stated	79
	3	John Hattsalla	45	Moweaqua	1		4	5	Hands injured, gas explosion	101
	7	Jerome Dickens	40	Danville	1		4	5	Back injured, fell down	43
	9	Gus Seibert	25	Taylorville	1			1	Leg injured, not stated	59
	9	Louis Branch	35	Danville	1			1	Leg injured, falling rock	70
	9	Wm. Linson	40	..do	1			1	Ankle injured, tail chain	31
	11	Henry Wiesman	70	Pana	1			1	Leg broken, falling slate	*
	17	J. E. Plumley	58	Catlin	1		3	4	Back injured, falling rock	75
	17	Ed. Morrison	48	Grape Creek	1		5	4	Eye injured, flying coal	45
	23	Jno. Novak	45	Decatur	1			1	Back injured, falling rock	43
	24	Joe Seidlecki	49	Westville	1		1	2	Foot broken, falling coal	37
	27	Frank Vermick	23	..do		1			Arm broken, pit car	150
	30	Chas. Mitchell	17	Jerseyville		1			Wrist injured, not stated	63
	30	Frank Aughinetti	35	Tobey	1			2	Leg injured, machine	*
Apr.	5	August Morien	28	Kincaid		1			Fingers cut off, pit car	*
	5	Isaac Grappi	31	Westville		1			Toe broken falling rock	34
	6	Tony Fargon	18	..do		1			Leg broken, pit car	100
	7	Lyle Washam	23	Kincaid		1			Hand injured, pit car	52
	8	Chas. Adcox	38	..do	1		2	3	Body burned, gas explosion	38
	8	Jno. Openchick	20	Virden	1			1	..do	55
	8	Wm. Morgan	45	Tobey		1			..do	31
	8	Jno. White	23	..do		1			..do	38
	10	Jno. Kassak	31	Kincaid		1			Hand injured, pit car	31
	12	V. A. Barkley	30	Danville	1		1	2	Body injured, mule, kicked by	100
	15	Mike Sakask, Sr.	60	Pana	1			2	Eye injured, flying coal	70
	17	Wm. Hutchinson	31	Tobey	1		4	5	Body injured, not stated	35
	21	Jno. Kinder	42	Kincaid	1		2	1	Leg injured, pit car	33
	21	Jno. Coleman	34	Pana		1			Wrist injured, cross bar	37
	24	Fred Passini	26	Kincaid	1			1	Back injured, not stated	54
	24	Jasper Clark	65	Westville	1		1	2	Eye destroyed, trip hammer	60
	27	Chas. Zeppelin	54	Danville	1		2	3	Leg injured, falling rock	36
May	1	Louis Mantell	28	Stonington	1			1	Ankle injured, falling coal	36
	1	Hy Carney	29	Auburn	1		2	3	Collar bone broken, pit car	32
	2	Chas. Fillijot	46	Jerseyville	1		5	6	Leg injured, not stated	49
	4	Lewis Swetik	32	Kincaid		1			Foot injured, falling rock	32
	5	Mike Leto	34	Westville	1		1	2	Leg broken, pit car	90
	6	E. Scheers	52	Pana		1			Eye injured, flying coal	57
	8	R. S. Williams	53	Georgetown	1		9	7	Arm broken, falling timber	70
	8	J. E. Whelan	47	Tilton	1		8	5	Foot injured, pit car	54

NONFATAL CASUALTIES, FIFTH DISTRICT, JUNE 30, 1916—concluded.

Date.	Name.	Age.	Residence.	Married.	Single.	Children.	Dependents.	Character of injury and cause of accident.	Time lost—days.
1916									
May 11	Elsworth Farrell	30	Grape Creek	..	1	..	..	Finger injured, pit car	60
12	Peter Faffero	38	Westville	..	1	..	..	Toes injured, pit car	47
15	Clementine Lord	19	Tobey	1	..	2	3	Body injured, not stated	41
15	Jas Laur	35	Blue Mound	1	..	..	1	Leg injured, falling clod	45
17	Emanuel Kinsey	..	Westville	1	..	1	2	Thumb injured, prop	34
19	Tom Jackson	..	Danville	1	..	..	1	Rib broken, pit car	43
19	Tony Pareski	..	..do	..	1	..	..	Foot broken, falling rock	43
June 5	Frank Mahien	52	Westville	1	..	..	1	Head injured, falling rock	40
26	Max Chaquet	41	..do	1	..	4	5	Back injured, falling rock	56
	Total	..		120	44	281	345		

* Not returned to work, July 1, 1916.

Number injured	164	Time lost by men returned—days	9,850
Number not returned to work	11	Average days lost	64.38
Number returned	153		

RECAPITULATION OF FATAL ACCIDENTS, FIFTH DISTRICT, 1916.

Residence.	No.	Occupation.	No.	Cause of accident.	No.	Colliery.	No.
Assumption	1	Asst mine manager	1	Cage	1	Assumption Coal Co.	1
Auburn	1	Cager	1	Falling coal	25	Bunsen Coal Co	54
Batestown	2	Drivers	13	Falling clod	5	Carbon Hill Coal Co	2
Blue Mound	1	Laborers	14	Falling rock	33	Contract Mining Co	1
Bulpitt	2	Loaders	23	Falling slate	7	Danville Colliery Co	2
Catlin	2	Machine helpers	4	Falling timber	4	Decatur Coal Co	1
Danville	13	Machine runners	5	Fell down	3	Lovington C. M. Co	4
Decatur	10	Miners	81	Flying coal	5	A. B. Mauck	1
Divernon	1	Teamster	1	Gas explosion	9	Mfg. & Cons. Coal Co	9
Georgetown	10	Timbermen	5	Jack pipe	1	Missionfield Mining Co.	7
Grape Creek	4	Trackmen	2	Lifting weight	2	Moweaqua C. M. & M. Co	4
Humphreys	1	Trip riders	14	Machine	2		
Jerseyville	5			Mule	3	Peabody Coal Co	54
Kincaid	20			Pit car	36	Penwell C. M. Co	6
Lovington	4			Tail chain	1	Producers Coal Co	9
Moweaqua	4			Trip hammer	1	Smith-Lohr Coal Co	3
Oakwood	3			Not stated	26	Springfield C. M. Co	6
Pana	9						
Pawnee	2						
Springvalley	1						
Stonington	1						
Taylorville	10						
Tilton	2						
Tobey	14						
Virden	1						
Westville	40						
Total	164		164		164		164

RECAPITULATION OF NONFATAL CASUALTIES, NATURE OF INJURIES, CONJUGAL RELATIONS, AND TIME LOST, FIFTH DISTRICT, 1916.

Nature of injury.	Number.	Married.	Single.	Children.	Dependents.	Time lost—days.		Percentage of injuries.
						Total.	Average.	
Ankles broken	2	.....	2	.....	.....	150	75.00	1.22
Ankles injured	8	8	.....	10	18	486	60.75	4.88
Arms broken[1]	4	2	2	11	10	292	97.33	2.44
Arms cut off	1	1	.....	3	4	73	73.00	.61
Arms injured	4	4	.....	12	16	212	53.00	2.44
Backs injured	13	11	2	36	42	646	49.69	7.92
Bodies burned	6	3	3	2	5	246	41.00	3.66
Bodies injured[1]	21	14	7	41	52	1,524	76.20	12.80
Collar bones broken	2	1	1	2	3	79	39.50	1.22
Eye destroyed	1	1	.....	1	2	60	60.00	.61
Eyes injured	7	6	1	11	15	347	49.57	4.27
Feet broken	3	2	1	4	6	112	37.33	1.83
Feet injured	11	9	2	27	32	561	51.00	6.71
Fingers broken	1	1	.....	4	2	33	33.00	.61
Fingers cut off[1]	3	1	2	2	3	286	143.00	1.83
Fingers injured[1]	7	5	2	16	17	296	29.33	4.27
Hands broken	2	2	.....	3	5	250	125.00	1.22
Hands injured	9	4	5	8	12	615	68.33	5.49
Heads injured[2]	8	8	.....	21	16	419	83.80	4.88
Legs broken[1]	15	10	5	12	16	1,382	98.71	9.14
Legs injured[3]	23	18	5	37	45	1,223	58.24	14.02
Ribs broken	4	4	.....	7	11	190	47.50	2.44
Shoulders injured	2	2	.....	3	5	80	40.00	1.22
Toes broken[1]	2	1	1	2	3	34	34.00	1.22
Toes injured	2	1	1	5	3	97	48.50	1.22
Wrist injured	3	1	2	1	2	157	52.33	1.83
Total	164	120	44	281	345	9,850	64.38	100.00

[1] One not returned.
[2] Three not returned.
[3] Two not returned.

CHRISTIAN COUNTY,

Number.	Name of operator.	Post-office address of the mine.	Output of mines in tons.				Tons loaded on cars for shipment.
			Mine run.	Lump.	Other grades.	Total.	
	SHIPPING MINES.						
1	Peabody Coal Co., No. 7	Taylorville	135,819	309,420	445,693	890,932	885,577
2	Peabody Coal Co., No. 8	do	56,741	132,476	237,985	427,202	425,251
3	Penwell Coal Co	Pana	39,826	57,430	177,960	275,216	224,186
4	Peabody Coal Co., No. 21	Stonington	37,878	158,287	73,566	269,731	255,204
5	Smith-Lohr Coal Mining Co	Pana	732	41,666	196,614	239,012	201,753
6	Springfield C. M. Co., No. 6	Taylorville	13,570	97,719	70,949	182,238	62,105
7	Assumption C. & M. Co	Assumption	41,886	.....	36,108	77,994	61,268
8	Greenwood Coal Co	Edinburg	259	5,978	4,800	11,037	1,779
	Total—8 mines		326,711	802,976	1,243,675	2,373,362	2,117,123

Mines in 1915, 9. Abandoned mines, 1. Mines in 1916, 8.

MACON COUNTY,

	SHIPPING MINES.						
1	Manufacturers & Consumers C. Co.	Decatur	25,988	47,245	41,847	115,080	37,118
2	Decatur Coal Co., No. 2	do	21,201	25,121	12,128	58,450	552
	Total—2 mines		47,189	72,366	53,975	173,530	37,670

Mines in 1915, 2. Mines in 1916, 2.

MOULTRIE COUNTY,

	SHIPPING MINES.						
1	Lovington C. M. Co., No. 1	Lovington	18,273	70,017	91,750	180,040	80,356

Mines in 1915, 1. Mines in 1916, 1.

SHELBY COUNTY,

	SHIPPING MINES.						
1	Moweaqua C. M. & M. Co., No. 1	Moweaqua	704	36,759	39,070	76,533	63,615
	LOCAL MINES.						
1	Wm. Baum Coal Co., No. 4	Shelbyville	.....	2,400	.....	2,400	.....
2	B. F. Stretch & Son	do	1,942	.....	100	2,042	.....
3	A. W. Smith	do	.....	1,340	10	1,350	.....
4	Wm. Baum Coal Co., No. 6	do	.....	325	.....	325	.....
	Total		1,942	4,065	110	6,117	.....
	Total—5 mines		2,646	40,824	39,180	82,650	63,615

Mines in 1915, 5. New mines, 2. Abandoned mines, 2. Mines in 1916, 5.

FIFTH DISTRICT, 1916.

Disposition of output.				Kegs of powder used for blasting coal.	Pounds of permissible explosives used.	Days of active operation.	Total number employed.	Tons mined.		Mining machines—number in use.	Accidents.		Number of motors in use.	Number of animals under ground.	Number.
Tons supplied to locomotives at the mines.	Tons sold to railroad companies and loaded on cars.	Tons sold to local trade.	Tons consumed or wasted at the mine.					By hand.	By machine.		Killed.	Injured.			
.....	.....	2,461	2,894	12,847	.....	282	645	.....	890,932	26	2	26	12	....	1
.....	.....	1,335	616	8,540	.....	188	415	.....	427,202	19	2	26	10	....	2
25,826	.....	14,444	10,760	2,800	.....	175	298	75,216	.....	....	....	6	3	15	3
.....	.....	5,619	8,908	2,081	.....	158	342	.....	269,731	18	....	2	7	40	4
.....	.....	7,423	29,836	2,316	.....	214	278	239,012	.....	....	1	3	2	13	5
12,830	71,351	27,108	8,844	6,692	.....	153	246	182,238	.....	....	....	6	3	15	6
.....	.....	8,074	8,652	224	7,950	230	192	38,474	39,520	3	2	1	2	16	7
.....	.....	8,458	800	566	.....	168	17	11,037	.....	....	....	....	....	3	8
38,656	71,351	74,922	71,310	34,066	7,950	196	2,433	745,977	1,627,385	66	7	70	39	102	

FIFTH DISTRICT, 1916.

.....	.....	74,081	3,881	.....	.....	220	214	115,080	.....	....	....	9	....	21	1
.....	.....	54,778	3,120	.....	.....	198	162	58,450	.....	....	....	1	....	24	2
.....	.....	128,859	7,001	.....	.....	209	376	173,530	.....	....	....	10	....	45	

FIFTH DISTRICT, 1916.

.....	86,930	4,900	7,854	1,151	.....	213	178	180,040	.....	....	....	4	....	18	1

FIFTH DISTRICT, 1916.

.....	.....	9,983	2,935	1,297	.....	166	110	.....	76,533	8	....	4	1	8	1
.....	.....	2,400	.....	.....	.....	200	11	2,400	.....	....	....	....	....	....	1
.....	.....	2,042	.....	.....	.....	190	9	2,042	.....	....	....	....	....	....	2
.....	.....	1,350	.....	.....	.....	120	11	1,350	.....	....	....	....	....	....	3
.....	.....	325	.....	.....	.....	180	10	325	.....	....	....	....	....	....	4
.....	.....	6,117	.....	.....	.....	173	41	6,117	.....	....	....	....	....	....	
.....	.....	16,100	2,935	1,297	.....	171	151	6,117	76,533	8	....	4	1	8	

VERMILION COUNTY,

Number.	Name of operator.	Post-office address of the mine.	Output of mines in tons.				Tons loaded on cars for shipment.
			Mine run.	Lump.	Other grades.	Total.	
	SHIPPING MINES.						
1	Bunsen Coal Co., Vermilion	Westville	279,621	178,615	299,297	757,533	655,779
2	Bunsen Coal Co., No. 4	..do	254,410	216,263	118,782	589,455	526,299
3	Bunsen Coal Co., No 3	..do	331,945	5,068	5,154	342,167	13,788
4	Producers Coal Co., No. 22	..do	16,053	58,109	110,034	184,196	179,940
5	Two Rivers Coal Co	Danville	60,000	65,000	18,000	143,000	70,000
6	Missionfield Coal Co., No. 3	..do	580	79,861	51,000	131,441	65,941
7	Carbon Hill Coal Co., No. 1	..do	48,950	37,300	21,000	107,250	37,250
8	Missionfield Coal Co., No. 2	..do	1,800	55,194	32,000	88,994	20,144
9	Danville Colliery Co., No. 1	Catlin	26,000	42,000	18,000	86,000	84,200
10	Sharon Coal Co	Georgetown	5,341	19,570	18,749	43,660	30,412
	Total		1,024,700	756,980	692,016	2,473,696	1,683,753
	LOCAL MINES.						
1	Contract Mining Co	Danville	70,709		100	70,809	
2	A. B. Mauck	..do	12,011			12,011	
3	J. H. Mauck	..do	8,000			8,000	
4	W. J. Watkins	..do	4,000	2,000	1,000	7,000	
5	W. F. Crawford & Son	Collison	1,500	2,500	1,000	5,000	
6	Chas. E. Lind	Danville	4,800			4,800	
7	Frank Woodard	Oakwood		3,000	1,500	4,500	
8	Mrs. W. A. Cole	Danville	3,663			3,663	
9	Palmer Coal Co	Grape Creek	700	2,600		3,300	
10	Lloyd Hawkins	Georgetown	3,000			3,000	
11	S. M. Hodges & Son	Danville	1,100	800	300	2,200	
12	Elis Peffett	Grape Creek	1,840			1,840	
13	Geo. A. Miller	Danville	1,400			1,400	
14	Jones Bros	..do	1,400			1,400	
15	P. I. Ogden & Son	..do	1,300			1,300	
16	John T. James	Westville	725	340	91	1,156	
17	Coxon Bros	Grape Creek	200	300	200	700	
18	Fairmount Coal Co	Fairmount	700			700	
19	Westfall Coal Co	Danville	650			650	
20	Jas. Brown	Grape Creek	400			400	
21	Mons Olson	..do	100	200	50	350	
22	Clingem Bros	Westville	200			200	
23	Ed. Wooster	..do	180			180	
24	Jake Willis	..do	160			160	
25	Willis Jenkins	Grape Creek	150			150	
26	Fred Lafferty	Westville	150			150	
27	Cunningham & Cunningham	Danville	100			100	
	Total		119,138	11,740	4,241	135,119	
	Total—37 mines		1,143,838	768,720	696,257	2,608,815	1,683,753

Mines in 1915, 30. New mines, 14. Abandoned mines, 7. Mines in 1916, 37.

FIFTH DISTRICT, 1916.

Disposition of output.				Kegs of powder used for blasting coal.	Pounds of permissible explosives used.	Days of active operation.	Total number employed.	Tons mined.		Mining machines—number in use.	Accidents.		Number of motors in use.	Number of animals under ground.	Number.
Tons supplied to locomotives at the mines.	Tons sold to railroad companies and loaded on cars.	Tons sold to local trade.	Tons consumed or wasted at the mines.					By hand.	By machine.		Killed.	Injured.			
.....	87,140	3,715	10,899	17,662	.....	210	858	236,365	521,168	22	2	25	4	41	1
.....	54,300	94	8,762	21,299	.....	195	759	589,455	.....	....	1	15	4	30	2
.....	310,939	9,448	7,992	5,385	.....	186	413	57,273	284,894	11	2	14	2	21	3
.....	.....	46	4,210	6,698	.....	203	248	184,196	.....	....	1	9	2	17	4
.....	73,000	.....	.....	.....	.....	300	30	143,000	.....	....	....	....	....	....	5
.....	65,000	500	.....	6,500	.....	270	138	.....	131,441	4	....	5	1	4	6
.....	70,000	.....	.....	.....	.....	300	25	107,250	.....	....	....	2	....	....	7
.....	68,000	.....	850	3,600	.....	268	147	13,676	75,318	4	....	2	1	4	8
.....	.....	.....	1,800	4,300	.....	244	106	86,000	.....	....	1	2	1	5	9
.....	.....	12,590	658	1,636	.....	221	62	43,660	.....	....	....	....	....	5	10
.....	728,379	26,393	35,171	67,080	.....	240	2,786	1,460,875	1,012,821	41	7	74	15	127	
.....	.....	70,709	100	2,000	.....	284	63	70,809	.....	....	....	1	....	....	1
.....	.....	12,011	.....	193	.....	250	12	12,011	.....	....	....	1	....	....	2
.....	.....	8,000	.....	320	.....	200	12	8,000	.....	....	....	....	....	....	3
.....	.....	7,000	.....	300	.....	220	12	7,000	.....	....	....	....	....	....	4
.....	.....	4,800	200	100	.....	210	11	5,000	.....	....	....	....	....	....	5
.....	.....	4,800	.....	300	.....	200	7	4,800	.....	....	....	....	....	....	6
.....	.....	4,500	.....	225	.....	140	13	4,500	.....	....	....	....	....	....	7
.....	.....	3,533	130	181	.....	252	14	3,663	.....	....	1	....	....	....	8
.....	.....	3,300	.....	80	.....	200	3	3,300	.....	....	....	....	....	....	9
.....	.....	2,900	100	.....	.....	150	5	3,000	.....	....	....	....	....	....	10
.....	.....	2,150	50	91	.....	220	4	2,200	.....	....	....	....	....	....	11
.....	.....	1,840	.....	100	.....	160	3	1,840	.....	....	....	....	....	....	12
.....	.....	1,400	.....	35	.....	140	2	1,400	.....	....	....	....	....	....	13
.....	.....	1,350	50	50	.....	190	3	1,400	.....	....	....	....	....	....	14
.....	.....	1,300	.....	51	.....	160	3	1,300	.....	....	....	....	....	....	15
.....	.....	1,156	.....	31	.....	200	4	1,156	.....	....	....	....	....	....	16
.....	.....	700	.....	35	.....	250	2	700	.....	....	....	....	....	....	17
.....	.....	650	50	40	.....	90	7	700	.....	....	....	....	....	....	18
.....	.....	650	.....	45	.....	80	4	650	.....	....	....	....	....	....	19
.....	.....	400	.....	25	.....	50	2	400	.....	....	....	....	....	....	20
.....	.....	350	.....	25	.....	100	2	350	.....	....	....	....	....	....	21
.....	.....	200	.....	.....	.....	50	2	200	.....	....	....	....	....	....	22
.....	.....	180	.....	10	.....	30	2	180	.....	....	....	....	....	....	23
.....	.....	160	.....	10	.....	20	2	160	.....	....	....	....	....	....	24
.....	.....	150	.....	10	.....	30	3	150	.....	....	....	....	....	....	25
.....	.....	150	.....	10	.....	20	2	150	.....	....	....	....	....	....	26
.....	.....	100	.....	6	.....	40	3	100	.....	....	....	....	....	....	27
.....	.....	134,439	680	4,297	.....	146	202	135,119	.....	....	1	2	....	....	
.....	728,379	160,832	35,851	71,377	.....	171	2,988	1,595,994	1,012,821	41	8	76	15	127	

RECAPITULATION BY COUNTIES, FIFTH DISITRICT, 1916.

	Christian.	Macon.	Moultrie.	Shelby.	Vermilion.	Total.
Number of mines	8	2	1	5	37	53
Shipping	8	2	1	1	10	22
Local	.....	.....	.....	4	27	31
Production in tons	2,373,362	173,530	180,040	82,650	2,608,815	5,418,397
Shipping	2,373,362	173,530	180,040	76,533	2,473,696	5,277,161
Local	.....	.....	.....	6,117	135,119	141,236
Mine run	326,711	47,189	18,273	2,646	1,143,838	1,538,657
Shipping	326,711	47,189	18,273	704	1,024,700	1,417,577
Local	.....	.....	.....	1,942	119,138	121,080
Lump	802,976	72,366	70,017	40,824	768,720	1,754,903
Shipping	802,976	72,366	70,017	36,759	756,980	1,739,098
Local	.....	.....	.....	4,065	11,740	15,805
Other grades	1,243,675	53,975	91,750	39,180	696,257	2,124,837
Shipping	1,243,675	53,975	91,750	39,070	692,016	2,120,486
Local	.....	.....	.....	110	4,241	4,351
Disposition of output	2,373,362	173,530	180,040	82,650	2,608,815	5,418,397
Loaded on cars for shipment	2,117,123	37,670	80,356	63,615	1,683,753	3,982,517
Other purposes	256,239	135,860	99,684	19,035	925,062	1,435,880
Shipping	256,239	135,860	99,684	12,918	789,943	1,294,644
Local	.....	.....	.....	6,117	135,119	141,236
Kegs of powder used, blasting coal	34,066	.....	1,151	1,297	71,377	107,891
Shipping	34,066	.....	1,151	1,297	67,080	103,594
Local	.....	.....	.....	.....	4,297	4,297
Days of active operation (average)	196	209	213	171	171	177
Shipping	196	209	213	166	240	216
Local	.....	.....	.....	173	146	149
Employees	2,433	376	178	151	2,978	6,116
Shipping	2,433	376	178	110	2,786	5,883
Local	.....	.....	.....	41	192	233
Under ground	2,232	346	161	130	2,780	5,649
Shipping	2,232	346	161	94	2,612	5,445
Local	.....	.....	.....	36	168	204
Above ground	201	30	17	21	198	467
Shipping	201	30	17	16	174	438
Local	.....	.....	.....	5	24	29
Tons mined by hand	745,977	173,530	180,040	6,117	1,595,994	2,701,658
Shipping	745,977	173,530	180,040	.....	1,460,875	2,560,422
Local	.....	.....	.....	6,117	135,119	141,236
Tons mined by machine	1,627,385	.....	.....	76,533	1,012,821	2,716,739
Shipping	1,627,385	.....	.....	76,533	1,012,821	2,716,739
Number of machines in use	66	.....	.....	8	41	115
Shipping	66	.....	.....	8	41	115
Number of motors in use	39	.....	.....	1	15	55

RECAPITULATION BY COUNTIES, FIFTH DISTRICT, 1916—concluded.

	Christian.	Macon.	Moultrie.	Shelby.	Vermilion.	Total.
Number killed	7	.....	.....	.....	8	15
Shipping	7	.....	.....	.....	7	14
Local	.....	.....	.....	.....	1	1
Number injured	70	10	4	4	76	164
Shipping	70	10	4	4	74	162
Local	.....	.....	.....	.....	2	2

Whole number of mines reported for 1915, 47.
Number of new mines opened during the year, 16.
Number of mines abandoned during the year, 10.
Whole number of mines reported for 1916, 53.

SIXTH INSPECTION DISTRICT—1916.

COUNTIES—LOGAN, MCLEAN AND SANGAMON. JOHN GARRITY, *Inspector.*

Hon. J. F. Morris, Chief Clerk, State Mining Board, Springfield.

SIR: Complying with section 5 of the General Mining Law of Illinois, I submit herewith the annual report of the coal producing counties of Logan, McLean and Sangamon.

SUMMARY OF THE ITEMS IN THE REPORT.

Number of counties producing coal	3
Number of shipping mines	26
Number of local mines	5
Number of new or reopened mines	.....
Number of closed or abandoned mines	4
Number of miners	4,856
Others under ground, men	2,039
Boys under ground	143
Boys above ground	5
Others above ground	518
Total number of employees	7,561
Total tons of coal produced	5,355,216
Days of active operation, all mines	179
Kegs of powder used for blasting coal	234,901
Tons of coal shipped	3,894,104
Tons supplied to locomotives	107,762
Tons sold to railroad companies	914,272
Tons sold to local trade	297,321
Tons consumed and wasted at mines	141,757
Number of fatal accidents	21
Number of nonfatal accidents	47
Number of employees to each fatal accident	360
Number of employees to each nonfatal accident	161
Tons of coal produced to each fatal accident	255,010
Tons of coal produced to each nonfatal accident	113,941
Ratio of fatal accidents per 1,000 employees	2.78

The following table gives the total tonnage by counties, for the years 1915 and 1916, with increase or decrease:

Counties.	Total output—tons—1915.	Total output—tons—1916.	Increase.	Decrease.
Logan	338,847	401,460	62,613	.....
McLean	60,142	83,775	23,633	.....
Sangamon	5,448,618	4,869,981	.....	578,637
Total	5,847,607	5,355,216	86,246	578,637
Net	.....	.....	.....	492,391

CLOSED OR ABANDONED MINES.

Mt. Pulaski Mining Association, Cantrall Cooperative Coal Company, Citizens Coal Mining Company "A," Williamsville Coal Company.

Change of Name.

Cora Coal Co. to Springfield District Coal Co., No. 1; Capital Coal Co. to Springfield District Coal Co., No. 7; Woodside Coal Co. to Springfield District Coal Co., No. 3; Black Diamond Coal Co. to Springfield District Coal Co., No. 4; Barclay Coal Co. to Williamson & Denney.

Fires at Mines.

Fire destroyed the top works of the Woodside Coal Company's mine, November 17, 1915.

The tipple and coal washing plant of the C. W. & F. Coal Company's mine at Thayer was burned down November 22, 1915.

On August 16, 1915, the tipple and engine room of the Springfield Cooperative Coal Company was destroyed by fire.

All these mines are now equipped with modern steel tipples.

Fatal Accidents.

September 7, 1915, James Davis, miner, age 26 years, single, died at St. John's Hospital, Springfield, from injuries received August 31, in Black Diamond Coal Company's mine, Auburn, Sangamon County. Deceased was loading a car when top coal fell fracturing leg and injuring him internally.

September 8, 1915, John Domsalle, Jr., miner, age 21 years, single, employed in Woodside Coal Company's mine, Springfield, Sangamon County, was found dead under a lump of coal which, it is supposed, had fallen upon him.

October 6, 1915, Louis Jacobs, miner, age 23 years, married, was killed by a fall of slate in the Latham Coal Mining Company's mine, Lincoln, Logan County. He leaves a widow.

October 9, 1915, C. F. H. Wilkie, shot firer, age 28 years, single, was killed in the Citizens Coal Mining Company's mine, Lincoln, Logan County, by the explosion of a windy shot.

October 11, 1915, John Boyce, driver, age 19 years, single, was killed in Springfield Coal Mining Company's mine No. 5, Springfield, Sangamon County, by pit cars. Deceased fell off seat in front of car and was run over.

November 4, 1915, George Young, trip driver, age 21 years, single, employed by Madison Coal Corporation, mine No. 6, Divernon, Sangamon County, was killed by motor. Deceased was riding on front end of motor and apparently attempted to get off to throw the latch, when he fell in front of the motor and was crushed to death.

November 15, 1915, Ed. Rossiter, laborer, age 47 years, married, was killed by falling slate in Jones and Adams Coal Company's mine, Springfield, Sangamon County. He leaves a widow and ten children.

November 26, 1915, W. H. Wiley, miner, age 53 years, married, employed in Springfield Coal Mining Company's No. 2 mine, Riverton, Sangamon County, was killed by falling slate. Deceased was placing a prop under some loose slate when a piece weighing about thirty pounds became detached and fell, striking him on the forehead, forcing his head backward and breaking his neck. He leaves a widow and five children.

December 9, 1915, William Stechman, loader, age 22 years, single, was killed by falling slate in Madison Coal Corporation's No. 6 mine, Divernon, Sangamon County. Deceased was riding in a pit car when it jumped the track and knocked out a prop which let the slate fall.

January 17, 1916, Harry Hulsher, laborer, age 23 years, married, was killed in Lincoln Mining Company's mine, Lincoln, Logan County. Deceased was oiling a revolving screen when his clothing was caught in the shafting and he was drawn between the shafting and timber and crushed to death. He leaves a widow and two children.

January 17, 1916, Joe Hadune, miner, age 44 years, single, was killed by falling coal in No. 4 mine of the Springfield District Coal Mining Company, Auburn, Sangamon County.

January 23, 1916, Frank McKeown, mine examiner, age 45 years, married, died at St. John's Hospital, Springfield, from burns received in an explosion of gas in Chicago-Springfield Coal Company's mine, Springfield, Sangamon County. It is supposed that deceased went into a room containing gas with an open light. He leaves a widow.

February 6, 1916, Earl Shirley, laborer, age 23 years, single, employed in mine No. 5, Peabody Coal Company, Pawnee, Sangamon County, was killed by a gas explosion.

February 9, 1916, J. F. Smith, laborer, age 26 years, single, was killed by falling slate in Madison Coal Corporation's mine No. 6, Divernon, Sangamon County.

February 14, 1916, Robert Hauptman, miner, age 22 years, married, was killed in Springfield Coal Mining Company's No. 2 mine, Riverton, Sangamon County by a fall of slate. He leaves a widow.

February 16, 1916, Blossie Lynch, miner, age 64 years, married, was killed by falling slate in Springfield District Coal Company's mine, No. 1, Andrew, Sangamon County. He leaves a widow and two children.

February 25, 1916, Wm. Muchakites, timberman, age 27 years, single, was killed by falling rock in Springfield District Coal Mining Company's No. 4 mine, Auburn, Sangamon County.

February 25, 1916, Tony Melakoski, miner, age 35 years, married, was killed by falling rock in Springfield District Coal Mining Company's No. 4 mine, Auburn, Sangamon County. He leaves a widow and three children.

March 10, 1916, Frank McGill, driver, age 28 years, single employed in Capitol Coal Company's mine, Springfield, Sangamon County, died from injuries received two days previous by being caught between a mule and car.

March 15, 1916, Wm. Slocombe, driver, age 20 years, single, was killed by pit cars in Springfield Cooperative Coal Company's mine, Springfield, Sangamon County. Deceased was riding on first car of trip when a wheel broke and he was thrown in front of the car.

March 21, 1916, Aug. Libney, miner, age 66 years, widower, employed in Peabody Coal Company's No. 6 mine, Sherman, Sangamon County, died from injuries received by pit car running on to him. He leaves two children, not dependent.

Respectfully submitted,

JOHN GARRITY,
State Inspector of Mines. Sixth District, Riverton, Ill.

FATAL CASUALTIES, SIXTH DISTRICT, JUNE 30, 1916.

Date.	Name.	Age.	Occupation.	Residence.	Married.	Single.	Widow.	Children.	Dependents.	Cause of death.
1915										
Sept. 7	James Davis	26	Miner	Auburn	..	1	..	..	..	Falling coal.
8	John Domsalle, Jr	21	..do	Springfield	..	1	..	..	..	Falling coal.
Oct. 6	Louis Jacobs	23	..do	Lincoln	1	..	1	..	1	Falling slate.
9	C. F. H. Wilkie	28	Shot firer	..do	..	1	1	..	..	Shot explosion.
11	John Boyce	19	Driver	Springfield	..	1	..	..	..	Pit car.
Nov. 4	George Young	21	Trip rider	Divernon	..	1	..	..	..	Motor.
15	Ed. Rossiter	47	Laborer	Springfield	1	..	1	10	11	Falling slate.
26	W. H. Wiley	53	Miner	Riverton	1	..	1	5	1	Falling slate.
Dec. 9	Wm. Stechman	22	Loader	Divernon	..	1	..	..	..	Falling slate.
1916										
Jan. 17	Harry Hulsher	23	Laborer	Lincoln	1	..	1	2	3	Caught in revolving screen.
17	Joe Hadune	44	Miner	Auburn	..	1	..	..	..	Falling coal.
23	Frank McKeown	45	Mine examiner.	Springfield	1	..	1	..	1	Gas explosion.
Feb. 6	Earl Shirley	23	Laborer	Pawnee	..	1	..	..	..	Gas explosion.
9	J. F. Smith	26	..do	Springfield	..	1	..	..	..	Falling slate.
14	Robert Hauptman	22	Miner	Riverton	1	..	1	..	1	Falling slate.
16	Blossie Lynch	64	..do	Springfield	1	..	1	2	1	Falling slate.
25	Wm. Muchakites	27	Timberman	Auburn	..	1	..	..	..	Falling rock.
25	Tony Melakoski	35	Miner	..do	1	..	1	3	4	Falling rock.
Mar. 10	Frank McGill	28	Driver	Springfield	..	1	..	..	..	Caught between mule and car.
15	Wm. Slocombe	20	Driver	..do	..	1	..	..	..	Pit car.
21	Aug. Libney	66	Miner	..do	..	1	..	2	..	Pit car.
	Total	..			8	13	8	24	23	

RECAPITULATION OF FATAL ACCIDENTS, SIXTH DISTRICT, 1916.

Residence.	No.	Occupation.	No.	Cause of accident.	No.	Colliery.	No.
Auburn	4	Drivers	3	Caught between mule and car	1	Capital Coal Co.	1
Divernon	2	Laborers	4	Falling coal	3	Chi.-Springfield C. Co.	1
Lincoln	3	Loader	1	Falling rock	2	Citizens C. M. Co.	1
Pawnee	1	Mine examiner	1	Falling slate	7	Latham Mining Co.	1
Riverton	2	Miners	9	Gas explosion	2	Jones & Adams C. Co.	1
Springfield	9	Shot firer	1	Motor	1	Lincoln C. M. Co.	1
		Timberman	1	Pit cars	3	Madison Coal Corp	3
		Trip rider	1	Revolving screen	1	Peabody Coal Co.	2
				Shot explosion	1	Springfield C. M. Co.	3
						Springfield Co-op. C. Co	1
						Spfg. District C. M. Co.	6
Total	21		21		21		21

NONFATAL CASUALTIES SIXTH DISTRICT, JUNE 30, 1916.

Date.	Name.	Age.	Residence.	Married.	Single.	Children.	Dependents.	Character of injury and cause of accident.	Time lost—days.
1915									
July 7	Elmer Morris	41	Auburn	1	..	2	4	Finger broken, falling coal	64
9	John Hudson	24	Springfield	..	1	..	..	Leg broken, pit car	90
22	Geo. Baker	34	..do	1	..	2	3	Body burned, gas explosion	100
Aug. 19	M. B. Cockrell	34	Auburn	1	..	4	5	Eye injured, flying coal	52
28	Chas. Wascarage	53	Springfield	1	..	9	5	Head injured, falling slate	63
Sept. 11	John Lewis	40	..do	1	..	2	3	Back injured, falling slate	120
14	J. Pullington	22	..do	..	1	..	..	Fingers injured, pit car	42

NONFATAL CASUALTIES, SIXTH DISTRICT, JUNE 30, 1916—concluded.

Date.	Name.	Age.	Residence.	Married.	Single.	Children	Dependents.	Character of injury and cause of accident.	Time lost—days.
1915									
Sept. 17	Domenick Berola	30	Auburn	1	..	..	1	Fingers broken, not stated	60
23	Fred Elder	2.	Springfield	..	1	..	..	Foot injured, falling slate	45
Oct. 10	B. Washkovitch	30	Divernon	..	1	..	..	Collar bone broken, pit car	40
13	Nick Morretti	2.	Springfield	1	..	..	1	Arm broken, flying coal	37
13	Henry Cort	31	Auburn	1	..	..	1	Hip injured, falling rock	87
20	Teddy Kasper	45	Divernon	1	..	..	4	Hand injured, pit car	35
Nov. 2	Louis Viola	30	Springfield	1	..	8	9	Head injured, falling slate	33
8	Frank Orback	23	Auburn	1	..	2	3	Leg broken, pit car	150
17	Peter Mitchell	38	Springfield	..	1	..	..	Ribs broken, falling slate	*
20	A. Lindsey	50	..do	..	1	..	..	Leg injured, pit car	105
27	Thos. McLaughlin	33	Auburn	..	1	..	..	Foot broken, pit car	55
Dec. 4	William Connelly	2.	Springfield	..	1	..	..	Foot injured, not stated	131
7	Chas. Rumoz	24	..do	..	1	..	..	Foot injured, cage	82
9	Woodie Russell	2.	..do	1	..	1	2	Jaw injured, kicked by mule	*
10	Henry Leher	32	..do	..	1	..	1	Body injured, pit car	40
13	Robert Golden	2.	..do	..	1	..	..	Body injured, kicked by mule	*
15	Tom Gilmore	30	..do	..	1	..	..	Ankle broken, pit car	*
21	Grant Lightly	38	..do	1	..	..	1	Finger injured, pit car	30
1916									
Jan. 10	John Egan	18	..do	..	1	..	..	Feet injured, pit car	42
11	Tony Demaro	2.	Auburn	1	..	3	4	Back injured, falling rock	35
14	Chas. Farrant	30	Springfield	..	1	..	..	Arm broken, kicked by mule	*
19	Albert Yureak	1.	..do	..	1	..	..	Arm broken, not stated	*
20	W. S. Perry	18	..do	..	1	..	..	Body injured, pit car	30
Feb. 3	Geo. Gray	22	..do	1	..	1	2	Body injured, pit car	*
4	John Charles	50	Lincoln	1	..	4	1	Fingers cut off, falling slate	*
4	Mel. Turner	40	Riverton	1	..	3	4	Foot injured, pit car	72
4	Wm. Blossie	19	Springfield	1	..	..	1	Shoulder injured, pit car	30
7	Stanley Dubesuse	30	Auburn	1	..	..	1	Eye injured, flying coal	50
11	Mike Flynn	2.	Springfield	1	..	..	1	Finger injured, pit car	60
14	Frank Burris	2.	..do	1	..	..	1	Foot injured, not stated	120
20	John McLaughlin	2.	Auburn	1	..	..	1	Finger injured, pit car	40
22	George July	20	Springfield	1	..	..	1	Thumb injured, pit car	*
23	Roman Torretto	22	Starns	1	..	..	1	Foot injured, falling slate	*
26	Boyd Danash	30	Springfield	..	1	..	..	Shoulder injured, falling slate	90
Mar. 7	Frank Denora	2.	..do	1	..	1	2	Ankle injured, not stated	45
8	Steve Knez	2.	..do	..	1	..	..	Wrist broken, not stated	*
21	George Neal	23	..do	..	1	..	..	Body injured, pit car	90
May 4	A. Chemish	38	..do	..	1	..	..	Hand injured, not stated	50
June 5	Jas. Wattling	60	..do	1	..	..	1	Toe broken, falling coal	35
16	Jake Williamson	66	Riverton	1	..	3	3	Back injured, falling slate	*
	Total	..		27	26	48	67		

* Not returned to work, July 1, 1916.

Number injured 47
Number not returned to work 12

Number returned 35

Time lost by men returned—days 2,250
Average days lost 64.29

RECAPITULATION OF NONFATAL ACCIDENTS, SIXTH DISTRICT, 1916.

Residence.	No.	Occupation.	No.	Cause of accident	No.	Colliery.	No.
Auburn	9	Cagers	2	Cage	1	Chi. & Spring. C. Co.	4
Divernon	2	Drivers	17	Gas explosion	1	Citizens Mining Co.	1
Lincoln	1	Laborers	4	Falling coal	2	Jones & Adams C. Co.	14
Riverton	2	Loader	1	Falling rock	2	Madison C. Corp., No. 6	3
Springfield	32	Miners	17	Falling slate	9	Montour C. Co., No. 40	3
Starns	1	Shot firer	1	Flying coal	3	Peabody C. Co., No. 6	4
		Spragger	1	Mule, kicked by	3	Sangamon Coal Co.	4
		Timbermen	2	Pit cars	19	Spring Creek C. Co.	2
		Trackmen	2	Not stated	7	Springfield Dist. C. Co.	9
						Tuxhorn Coal Co	1
						West End Coal Co.	2
Total	47		47		47		47

RECAPITULATION OF NONFATAL CASUALTIES, NATURE OF INJURIES, CONJUGAL RELATIONS, AND TIME LOST, SIXTH DISTRICT, 1916.

Nature of injury.	Number.	Married.	Single.	Children.	Dependents.	Time lost—days.		Percentage of injuries.
						Total.	Average.	
Ankle broken[1]	1	1	.....	.....	.....	.....	.....	2.13
Ankle injured	1	1	.....	1	2	45	45.00	2.13
Arm broken[2]	3	1	2	.....	1	37	37.00	6.38
Back injured[1]	3	3	.....	8	10	165	82.50	6.38
Body burned	1	1	.....	2	3	100	100.00	2.13
Body injured[2]	5	1	4	1	2	160	53.33	10.63
Collar bone broken	1	.....	1	.....	.....	40	40.00	2.13
Eyes injured	2	2	.....	4	6	102	51.00	4.26
Feet broken	1	.....	1	.....	.....	53	53.00	2.13
Feet injured[1]	7	3	4	3	6	484	80.67	14.88
Fingers broken	2	2	.....	2	5	124	62.00	4.26
Finger cut off[1]	1	1	.....	4	1	.....	.....	2.13
Fingers injured[1]	5	3	2	.....	4	172	43.00	10.63
Hands injured	2	1	1	3	4	85	42.50	4.25
Heads injured[1]	3	3	.....	18	16	96	48.00	6.38
Legs broken	2	1	1	2	4	240	120.00	4.26
Legs injured	2	1	1	.....	1	192	96.00	4.26
Rib broken[1]	1	.....	1	.....	.....	.....	.....	2.13
Shoulders injured	2	1	1	.....	1	120	60.00	4.26
Toe broken	1	1	.....	.....	1	35	35.00	2.13
Wrist broken[1]	1	.....	1	.....	.....	.....	.....	2.13
Total	47	27	20	48	67	2,250	64.29	100.00

[1] One not returned to work.
[2] Two not returned to work.

LOGAN COUNTY,

Number.	Name of operator.	Post-office address of the mine.	Output of mines in tons.				Tons loaded on cars for shipment.
			Mine run.	Lump.	Other grades.	Total.	
	SHIPPING MINES.						
1	Citizens Coal Mining Co	Lincoln	30,899	65,441	40,139	136,479	77,761
2	Lincoln Mining Co	..do	10,926	65,549	56,227	132,702	95,454
3	Latham C. & M. Co., N. S	..do	7,364	58,035	66,880	132,279	89,798
	Total—3 mines		49,189	189,025	163,246	401,460	263,013

Mines in 1915, 4. Abandoned mines, 1. Mines in 1916, 3.

M'LEAN COUNTY,

	SHIPPING MINES.						
1	McLean County Coal Co	Bloomington	20,000	37,818	10,482	68,300	630
2	Colfax Co-operative Co., No. 1	Colfax	11,309	2,945	1,221	15,475	640
	Total—2 mines		31,309	40,763	11,703	83,775	1,270

Mines in 1915, 2. Mines in 1916, 2.

SANGAMON COUNTY,

	SHIPPING MINES.						
1	Springfield C. M. Co., No. 2	Riverton	41,275	209,419	229,850	480,544	443,638
2	Peabody Coal Co., No. 6	Sherman	21,496	164,812	246,549	432,857	426,783
3	Chi., Wil. & Frank. C. Co., No. 1	Thayer	1,473	106,301	296,162	403,936	207,204
4	Chicago-Springfield Coal Co	Springfield	11,583	88,356	250,576	350,515	229,567
5	Jones & Adams, Peerless	..do	15,925	92,447	230,282	338,654	181,447
6	Madison C. Corp., No. 6	Divernon	303,175	17,798	16,934	337,907	323,943
7	Springfield Dist. C. M. Co., No. 4	Auburn	11,747	126,492	191,702	329,941	245,407
8	West End Coal Co., W. S	Springfield	48,271	81,272	157,462	287,005	210,284
9	Springfield C. M. Co., No. 5	..do	80,413	115,983	78,131	274,527	191,487
10	Citizens Coal Mining Co., B	..do	20,889	86,973	135,679	243,541	171,433
11	Sangamon Coal Co	..do	10,137	81,495	140,127	231,759	177,711
12	Montour Coal Co., No. 400	..do	7,105	43,874	146,329	197,308	141,174
13	Springfield Dist. C. M. Co., No. 1	Andrew	103,701	31,207	60,584	195,492	186,505
14	Springfield Dist. C. M. Co., No. 7	Springfield	76,028	28,421	70,118	174,567	147,754
15	Tuxhorn Coal Co	..do	.....	27,074	107,538	134,612	73,726
16	Peabody Coal Co., No. 5	Pawnee	66,653	14,519	41,892	123,064	113,249
17	Spring Creek Coal Co	Springfield	33,015	35,722	48,506	117,243	113,890
18	Auburn & Alton Coal Co	Auburn	4,315	38,128	7,997	50,440	8,488
19	Springfield Co-operative C. Co	Springfield	1,050	15,200	22,660	38,910	17,120
20	Springfield Dist. C. M. Co., No. 3	..do	513	13,932	24,048	38,493	16,246
21	Williamson & Denney	Barclay	3,000	.....	.....	3,000	2,765
	Total		861,764	1,419,425	2,503,126	4,784,315	3,629,821
	LOCAL MINES.						
1	Lincoln Park Coal & Brick Co	Springfield	10,832	21,619	29,664	62,115	.....
2	No. 12 Coal Co	..do	626	8,393	8,589	17,608	.....
3	Citizens Coal Co	Pleasant Plains	.....	2,797	713	3,510	.....
4	Happy Hollow Coal Co	..do	.....	1,105	418	1,523	.....
5	Dabney & Jackson	Salisbury	.....	750	160	910	.....
	Total		11,458	34,664	39,544	85,666	.....
	Total—26 mines		873,222	1,454,089	2,542,670	4,869,981	3,629,821

Mines in 1915, 29. Abandoned mines, 3. Mines in 1916, 26.

SIXTH DISTRICT, 1916.

Disposition of output.								Tons mined.			Accidents.				
Tons supplied to locomotives at the mines.	Tons sold to railroad companies and loaded on cars.	Tons sold to local trade.	Tons consumed or wasted at the mine.	Kegs of powder used for blasting coal.	Pounds of permissible explosives used.	Days of active operation.	Total number employed.	By hand.	By machine.	Mining machines—number in use.	Killed.	Injured.	Number of motors in use.	Number of animals under ground.	Number.
28,594	.....	23,254	6,870	6,824	....	201	166	136,479	.....	....	1	1	....	19	1
.....	9,406	22,191	5,651	5,949	....	176	157	132,702	.....	....	1	....	....	13	2
.....	23,545	13,839	5,097	7,372	....	144	301	132,279	.....	....	1	....	4	18	3
28,594	32,951	59,284	17,618	20,145	....	174	624	401,460	.....	....	3	1	4	50	

SIXTH DISTRICT, 1916.

.....	20,000	40,488	7,182	.....	....	269	154	68,300	.....	....	....	....	4	....	1
7,756	.....	4,384	2,695	710	....	239	29	15,475	.....	....	....	....	....	3	2
7,756	20,000	44,872	9,877	710	....	254	183	83,775	.....	....	....	....	4	3	

SIXTH DISTRICT, 1916.

.....	22,100	4,942	9,864	22,441	....	229	506	480,544	.....	....	2	....	2	29	1
.....	.....	109	5,965	23,475	....	225	397	432,857	.....	....	1	4	3	25	2
.....	180,236	3,608	12,888	4,448	....	153	500	.....	403,936	14	....	....	7	32	3
.....	115,239	1,240	4,469	17,555	....	255	292	350,515	.....	....	1	4	....	....	4
1,000	148,326	.....	7,881	17,267	....	142	510	338,654	.....	....	1	14	3	28	5
.....	.....	3,477	10,487	3,695	....	108	577	.....	337,907	15	3	3	5	41	6
67,209	1,150	5,584	10,591	16,027	....	189	366	329,941	.....	....	4	9	3	21	7
.....	51,217	20,312	5,192	15,197	....	252	250	287,005	.....	....	....	2	2	11	8
.....	73,034	2,565	7,441	13,757	....	187	335	274,527	.....	....	1	....	2	20	9
.....	58,851	11,842	1,415	10,787	....	245	251	243,541	.....	....	....	....	2	16	10
.....	45,826	3,296	4,926	11,499	....	218	305	231,759	.....	....	....	4	....	32	11
.....	43,801	6,459	5,874	9,665	....	245	209	197,308	.....	....	....	3	3	12	12
.....	2,070	3,491	3,426	9,456	....	184	268	195,492	.....	....	1	....	....	19	13
.....	.....	24,554	2,259	10,800	....	183	344	174,567	.....	....	1	....	4	35	14
.....	56,640	635	3,611	7,143	....	146	255	134,612	.....	....	....	1	1	20	15
3,203	.....	3,154	3,458	5,317	....	81	396	123,064	.....	....	1	....	2	26	16
.....	.....	447	2,906	5,757	....	198	152	117,243	.....	....	....	2	....	14	17
.....	34,150	5,705	2,097	2,088	....	70	165	50,440	.....	....	....	....	1	15	18
.....	11,880	6,800	3,110	2,114	....	59	157	38,910	.....	....	1	....	1	10	19
.....	16,801	5,446	.....	1,496	....	32	329	38,493	.....	....	1	....	....	17	20
.....	.....	145	90	150	....	90	58	3,000	.....	....	....	....	1	8	21
71,412	861,321	113,811	107,950	210,134	....	166	6,622	4,042,472	741,843	29	18	46	42	431	
.....	.....	57,303	4,812	2,820	....	175	84	62,115	.....	....	....	....	....	....	1
.....	.....	16,108	1,500	742	....	160	35	17,608	.....	....	....	....	....	....	2
.....	.....	3,510	.....	184	....	200	4	3,510	.....	....	....	....	....	....	3
.....	.....	1,523	.....	95	....	210	5	1,523	.....	....	....	....	....	....	4
.....	.....	910	.....	71	....	175	4	910	.....	....	....	....	....	....	5
.....	.....	79,354	6,312	3,912	....	184	132	85,666	.....	....	....	....	....	....	
71,412	861,321	193,165	114,262	214,046	....	170	6,754	4,128,138	741,843	29	18	46	42	431	

RECAPITULATION BY COUNTIES, SIXTH DISTRICT, 1916.

	Logan.	McLean.	Sangamon.	Total.
Number of mines	3	2	26	31
Shipping	3	2	21	26
Local	.....	.....	5	5
Production in tons	401,460	83,775	4,869,981	5,355,216
Shipping	401,460	83,775	4,784,315	5,269,550
Local	.....	.....	85,666	85,666
Mine run	49,189	31,309	873,222	953,720
Shipping	49,189	31,309	861,764	942,262
Local	.....	.....	11,458	11,458
Lump	189,025	40,763	1,454,089	1,683,877
Shipping	189,025	40,763	1,419,425	1,649,213
Local	.....	.....	34,664	34,664
Other grades	163,246	11,703	2,542,670	2,717,619
Shipping	163,246	11,703	2,503,126	2,678,075
Local	.....	.....	39,544	39,544
Disposition of output	401,460	83,775	4,869,981	5,355,216
Loaded on cars for shipment	263,013	1,270	3,629,821	3,894,104
Other purposes	138,447	82,505	1,240,160	1,461,112
Shipping	138,447	82,505	1,154,494	1,375,446
Local	.....	.....	85,666	85,666
Kegs of powder used, blasting coal	20,145	710	214,046	234,901
Shipping	20,145	710	210,134	230,989
Local	.....	.....	3,912	3,912
Days of active operation (average)	174	254	170	179
Shipping	174	254	166	174
Local	.....	.....	184	184
Employees	624	183	6,754	7,561
Shipping	624	183	6,622	7,429
Local	.....	.....	132	132
Under ground	564	164	6,310	7,038
Shipping	564	164	6,195	6,923
Local	.....	.....	115	115
Above ground	60	19	444	523
Shipping	60	19	427	506
Local	.....	.....	17	17
Tons mined by hand	401,460	83,775	4,128,138	4,613,373
Shipping	401,460	83,775	4,042,472	4,527,707
Local	.....	.....	85,666	85,666
Tons mined by machine	.....	.....	741,843	741,843
Shipping	.....	.....	741,843	741,843
Number of machines in use	.....	.....	29	29
Shipping	.....	.....	29	29
Number of motors in use	4	4	42	50

RECAPITULATION BY COUNTIES, SIXTH DISTRICT, 1916—concluded.

	Logan.	McLean.	Sangamon.	Total.
Number killed	3	.....	18	21
Shipping	3	.....	18	21
Number injured	1	.....	46	47
Shipping	1	.....	46	47

Whole number of mines reported for 1915, 35.
Number of mines abandoned during the year, 4.
Whole number of mines reported for 1916, 31.

SEVENTH INSPECTION DISTRICT—1916.

COUNTIES—GREENE, JERSEY, MACOUPIN AND MONTGOMERY. ARCHIBALD FREW, *Inspector.*

Hon. J. F. Morris, Chief Clerk, State Mining Board, Springfield.

SIR: Complying with section 5 of the General Mining Law of Illinois, I submit herewith the annual report of the coal producing counties of Greene, Jersey, Macoupin and Montgomery.

SUMMARY OF THE ITEMS IN THE REPORT.

Number of counties producing coal	4
Number of shipping mines	17
Number of local mines	11
Number of new or reopened mines	2
Number of closed or abandoned mines	3
Number of miners	1,091
Others under ground, men	6,632
Boys under ground	151
Boys above ground	9
Others above ground	508
Total number of employees	8,391
Total tons of coal produced	8,398,968
Days of active operation, all mines	188
Kegs of powder used for blasting coal	75,131
Tons of coal shipped	4,243,476
Tons supplied to locomotives	13,741
Tons sold to railroad companies	3,792,441
Tons sold to local trade	78,532
Tons consumed and wasted at mines	270,778
Number of fatal accidents	13
Number of nonfatal accidents	207
Number of employees to each fatal accident	645
Number of employees to each nonfatal accident	41
Tons of coal produced to each fatal accident	646,074
Tons of coal produced to each nonfatal accident	40,575
Ratio of fatal accidents per 1,000 employees	1.55

The following table gives the total tonnage by counties, for the years 1915 and 1916, with increase or decrease:

Counties.	Total output—tons—1915.	Total output—tons—1916.	Increase.	Decrease.
Greene	8,000	14,260	6,260	
Jersey	960	960		
Macoupin	4,849,352	5,259,866	410,514	
Montgomery	2,719,138	3,123,882	404,744	
Total	7,577,450	8,398,968	821,518	
Net			821,518	

NEW MINES.

A. E. Axley and Henry Carlton have opened new mines at Roodhouse, Greene County.

Abandoned Mines.

The following mines were not operated and are classed as abandoned mines: Montour Coal Company, No. 402, Virden; A. W. Dawson, Chesterfield; Farmersville Coal Company, Farmersville.

Change of Name.

Madison Coal Corporation No. 5 to Mt. Olive Coal Company No. 5; Cummins & Goacher to Frank Hopper; Peabody Coal Company to C. & E. I. Coal property; Cairns & Bott to Bott & Griner.

Improvements.

The Consolidated Coal Company has extended the haulage tracks closer to the working face, and at each of the mines a washhouse 60 feet by 24 feet, equipped with 128 lockers, 12 sprays, 6 enameled basins, 100 hangers with room for 100 more, has been built.

The Montour Coal Company, Girard, has cleaned up seven hundred feet of the main airway and increased the area so that thirty per cent more air is circulated through the mine. The electric cable in the shaft was renewed and encased in a conduit to prevent persons from being shocked by coming in contact with it while ascending or descending the shaft. The bottom of the shaft was retimbered and the main north motor haulage road extended nine hundred feet.

The improvements made by the Shoal Creek Coal Company, Panama, are as follows: About 5,000 feet of motor tract laid for permanent roadways; about 1,500 feet of air courses cleaned out; bottom lengthened on the south side for more car storage; the railroad tracks in mine yard thoroughly repaired and ventilation greatly improved.

The Hillsboro Coal Company, Hillsboro, has done considerable work changing the system of haulage and ventilation. A steam engine has been placed on the tracks for moving railroad cars.

The Nokomis Coal Company, Nokomis, has erected a hollow tile washhouse, containing 416 lockers and 16 sprays; installed two 6-ton storage battery motors and 50 mine cars.

The Superior Coal Company at mine No. 1, has erected a concrete smokestack 195 feet high, which takes the place of six metal stacks; finished the resetting of twelve boilers; painted all the buldings on the surface except the houses, and the contract has been let for this work and they will be painted in a short time; motor roads extended about 3,500 feet, and considerable narrow work has been driven using the same for air courses, which adds considerable to the ventilation. Gates have been put on the main ways to keep the men from coming out and coming in contact with moving cars on the bottom. At mine No. 2, the company has erected a new concrete smokestack which takes the place of five metal ones. Also put in a new ash blower and a new electric pump and pump house at the reservoir; painted all buildings on the surface; placed a new steel crank on the right hand hoisting engine which makes the engines at all three mines equipped with cranks. The resetting of the twelve boilers has been completed and motor haulage roads extended 4,000 feet. The hoisting shaft around the bottom has been retimbered and new bunting, curbing and guides put in throughout the shaft. Gates have been placed on the main ways to keep the men from coming out in contact with moving cars while hoisting coal. The stairway and air shaft have been repaired; motor roads leveled and straightened, and 75 sets of roller bearing trucks placed under mine cars. At mine No. 3, two new steel cranks were put on the hoisting engine; a new belt coal conveyor for boiler room installed, all buildings on the surface painted, the shaft bottom reinforced with concrete arched piers; the motor haulage on the various entries extended about 6,000 feet; opened up some abandoned entries and made air courses out of some which adds greatly

to the ventilation. Three new automatic doors were installed and motor roads straightened and retied. The hopper scales and the coal chutes and hoppers at all three mines and the washer have been remodeled. At the washer, two boilers have been reset, a smokestack erected, new electric car puller installed, all the buildings on the surface painted and new track scales with concrete foundation and steel I beams put in.

The following improvements have been made at mine No. 10, C. & E. I. Coal Properties, Nokomis: One washhouse 30 feet by 80 feet equipped with boiler 5 feet by 16 feet, Sturtevant Vento Heating system, wash basins, 19 shower baths, and 650 lockers, has been built; a locomotive and 200 new pit cars have been added to the underground equipment. Three car retarders were installed and some changes made on the fan also as to produce a greater volume of air. At mine No. 11, Kortkamp, new buntons and guides were placed in the hoisting shaft, one hundred new cars added to the equipment and the washohuse completed and in use.

The Carlinville Coal Company has installed a generator and dynamo and is now hauling coal by motor; haulage roads have been relaid with heavier iron and some of the air courses cleaned up.

Fatal Accidents.

July 21, 1915, Ben Strankus, machine runner, age 27 years, single, was electrocuted in Nokomis Coal Company's mine, Nokomis, Montgomery County.

August 25, 1915, Peter Berutti, driver, age 24 years, single, was killed by pit cars in Superior Coal Company's No. 1 mine, Gillespie, Macoupin County.

September 11, 1915, David Shaw, assistant mine manager, age 30 years, married, was caught between the motor and pit car and crushed to death in No. 3 mine, Superior Coal Company, Gillespie, Macoupin County. He leaves a widow and one child.

September 20, 1915, Joseph Marchetti, cager, age 43 years, married, was killed by being crushed between two pit cars in the Royal Colliery Company's mine, Virden, Macoupin County. Deceased was helping to cage a car of coal. He was pushing the car onto the cage when it struck something and bounded back, catching him between it and the one immediately in the rear. He leaves a widow and five children.

November 19, 1915, William Watson, trackman, age 29 years, married, was killed in C. & E. I. Coal Property's No. 10 mine, Nokomis, Montgomery County. Deceased was working near the switch when a car which was being taken by left the track and crushed him against the coal rib. He leaves a widow and two children.

November 20, 1915, Louis Kortkamp, laborer, age 63 years, married, was run over by a trip of cars and killed in Hillsboro Coal Company's mine, Hillsboro, Montgomery County. He leaves a widow and four children.

November 26, 1915, Walter Baxter, driver, age 37 years, married, was killed in Superior Coal Company's No. 3 mine, Gillespie, Macoupin County. Deceased was found under a loaded car which he was bringing out. His neck and arm were broken. He leaves a widow and one child.

December 8, 1915, Daniel Fogarty, miner, age 56 years, single, was killed by falling coal in Carlinville Coal Company's mine, Carlinville, Macoupin County.

January 4, 1916, William Olowick, machine runner, age 26 years, married, was killed by falling coal and slate in No. 14 mine, Consolidated Coal Company, Staunton, Macoupin County. He leaves a widow and one child.

January 29, 1916, Mat Bolgar, miner, age 30 years, single, was killed in Consolidated Coal Company's No. 7 mine, Staunton, Macoupin County, by a fall of slate.

February 10, 1916, Frank Malle, miner, age 43 years, single, died at St. Frances Hospital, Litchfield, as a result of injuries received February 3, in No. 14 mine, C. & E. I. Coal Property, Witt, Montgomery County, by falling coal.

March 15, 1916, Edward Stille, miner, age 36 years, married, was killed by falling coal in Consolidated Coal Company's No. 14 mine, Staunton, Macoupin County. He leaves a widow.

April 29, 1916, David Grant Windsor, timberman, age 53 years, widower, was killed by falling slate in Superior Coal Company's No. 3 mine, Gillespie, Macoupin County. He leaves three children one of which is dependent.

Respectfully submitted,

ARCHIBALD FREW,
State Inspector of Mines, Seventh District, Gillespie, Ill.

FATAL CASUALTIES, SEVENTH DISTRICT, JUNE 30, 1916.

Date.	Name.	Age.	Occupation.	Residence.	Married.	Single.	Widow.	Children.	Dependents.	Cause of death.
1915										
July 21	Ben Strankus	27	Machine runner	Nokomis	..	1	..	..	..	Electrocuted.
Aug. 25	Peter Berutti	24	Driver	Benld	..	1	..	..	..	Pit cars.
Sept. 11	David Shaw	30	Asst. mine mgr.	Gillespie	1	..	1	1	2	Pit car.
20	Joseph Marchetti	43	Cager	Virden	1	..	1	5	6	Pit car.
Nov. 19	William Watson	29	Trackman	Nokomis	1	..	1	2	3	Pit car.
20	Louis Kortkamp	63	Laborer	Hillsboro	1	..	1	4	2	Pit car.
26	Walter Baxter	37	Driver	Gillespie	1	..	1	1	2	Pit car.
Dec. 8	Daniel Fogarty	56	Miner	Carlinville	..	1	..	..	..	Falling coal.
1916										
Jan. 4	William Olowick	26	Machine runner	Staunton	1	..	1	1	2	Falling coal.
29	Mat Bolgar	30	Miner	Mt. Olive	..	1	..	..	..	Falling slate.
Feb. 10	Frank Malle	43	Miner	Witt	..	1	..	..	..	Falling coal.
Mar. 15	Edward Stille	36	..do	Staunton	1	..	1	..	1	Falling coal.
Apr. 29	David G. Windsor	53	Timberman	Gillespie	..	1	..	3	1	Falling slate.
	Total	..			7	6	7	17	19	

RECAPITULATION OF FATAL ACCIDENTS, SEVENTH DISTRICT, 1916.

Residence.	No.	Occupation.	No.	Cause of accident.	No.	Colliery.	No.
Benld	1	Asst. mine manager	1	Electricity	1	Carlinville Coal Co.	1
Carlinville	1	Cager	1	Falling coal	4	C. & E. I. C. Properties	2
Gillespie	3	Drivers	2	Falling slate	2	Consolidated Coal Co.	3
Hillsboro	1	Laborer	1	Pit cars	6	Hillsboro Coal Co.	1
Mt. Olive	1	Machine runners	2			Nokomis Coal Co.	1
Nokomis	2	Miners	4			Royal Collieries Co.	1
Staunton	2	Timberman	1			Superior Coal Co.	4
Virden	1	Trackman	1				
Witt	1						
Total	13		13		13		13

NONFATAL CASUALTIES, SEVENTH DISTRICT, JUNE 30, 1916.

Date.	Name.	Age.	Residence.	Married.	Single.	Children.	Dependents.	Character of injury and cause of accident.	Time lost—days.
1915									
July 1	John Kirchner	32	Panama	1	..	2	3	Foot injured, pit car	95
1	Ed. Pritchard	22	Staunton	1	..	....	1	Finger cut off, pit car	85
1	James Barto	38	Gillespie	1	..	....	1	Foot injured, falling coal	30
1	W. D. Linquist	44	..do	1	..	....	1	Head injured, cage	30
1	Pete Capri	10	Benld	1	..	3	4	Finger injured, ax	30

NONFATAL CASUALTIES, SEVENTH DISTRICT, JUNE 30, 1916—continued.

Date.		Name.	Age.	Residence.	Married.	Single.	Children.	Dependents.	Character of injury and cause of accident.	Time lost—days.
1915										
July	1	James Strippling	45	Mt. Olive	1	..	8	9	Ankle injured, falling coal	63
	7	Louis Monstrello	33	Benld	1	..	....	1	Head injured, falling slate	30
	7	Lucas Dyer	52	Mt. Olive	1	..	4	5	Body injured, pit car	43
	8	Frank Orr	25	Virden	1	..	....	1	Shoulder broken, not stated	30
	9	Frank Perla	26	Benld	1	..	3	3	Body injured, squeezed by mule	30
	9	William Yemm	24	Gillespie	1	..	....	1	Foot injured, pit car	30
	13	August Deppo	30	Staunton	....	1	....	....	Arm injured, pit car	97
	14	B. Cargino	23	Virden	....	1	....	....	Head injured, not stated	36
	15	Tony Nauck	26	Panama	....	1	....	....	Collar bone broken, electric wire	95
	15	Mat Goldman	26	Staunton	1	..	....	1	Leg broken, falling slate	79
	15	Thomas Masso	42	Virden	....	1	....	....	Finger injured, not stated	36
	16	James Belleganti	37	Girard	1	..	4	5	Arm injured, timber falling	39
	22	L. Zumwalt	45	Staunton	1	..	6	7	Head injured, falling coal	30
	29	John Pratt	35	Gillespie	....	1	....	....	Hand broken, falling coal	30
	31	Wm. Jaysonsky	30	White City	1	..	2	3	Hand injured, splinter	53
Aug.	5	H. C. Dawson	4?	Nokomis	1	..	....	1	Head injured, falling coal	330
	6	Anto Mollmann	38	Hillsboro	1	..	4	5	Arm broken, not stated	30
	10	John Bellewitch	24	White City	1	..	2	3	Head injured, kicked by mule	35
	15	George Hess	60	Staunton	1	..	1	2	Back injured, falling slate	40
	17	Theodore Rahm	42	..do	1	..	3	4	Shoulder injured, falling slate	41
	17	Albert Lee	25	Carlinville	....	1	....	....	Body injured, kicked by mule	30
	18	Earnest Bartinolia	..	Gillespie	....	1	....	....	Leg injured, mining machine.	30
	23	F. Ludwick	43	..do	1	..	2	3	Hand broken, not stated	30
	23	F. Norville	49	Nokomis	....	1	....	....	Back injured, lifting car	49
	24	Dan M. Miller	50	Staunton	1	..	3	1	Back injured, falling timber	40
	24	John Jaboski	29	Gillespie	....	1	....	....	Fingers injured, pit car	30
	25	J. Hottle	50	Nokomis	1	..	4	5	Hand injured, lifting coal	47
	28	James Rosa	50	Staunton	1	..	10	11	Shoulder injured, pit car	90
	30	Sidney Tippine	23	Sawyerville	1	..	1	2	Ribs broken, falling slate	30
	30	George Hume	22	Hillsboro	....	1	....	....	Foot injured, pit car	34
Sept.	2	H. Dingerson	45	Sawyerville	1	..	4	5	Back injured, wagon	30
	3	J. Litkofssel	42	Nokomis	1	..	....	1	Ribs broken, not stated	144
	4	Ralph Fricke	21	Mt. Olive	....	1	....	....	Leg injured, pit car	30
	6	Herman Rugg	45	Carlinville	....	1	....	....	Shoulder injured, falling coal.	30
	8	Thos. Marcaeci	..	Sawyerville	1	..	2	3	Finger cut off, falling coal	30
	9	Joe Klemek	28	Staunton	1	..	4	5	Shoulder injured, falling coal.	46
	16	John Joog	29	Nokomis	....	1	....	....	Hand injured, falling coal	40
	16	M. Hillard	42	..do	1	..	3	4	Eye injured, flying sulphur	32
	19	A. Layman	35	..do	1	..	2	3	Head injured, shot explosion.	76
	20	Wm. E. Lasuree	52	..do	1	..	8	9	Body injured, motor	30
	21	J. Augustat	40	..do	1	..	2	3	Leg broken, falling coal	112
	21	M. Vallon	20	..do	....	1	....	....	Fingers injured, pit car	35
	27	Wm. Carney	67	Gillespie	1	..	3	4	Ankle injured, falling coal	30
	27	Ferdinand Borsch	18	Staunton	....	1	....	1	Body injured, pit car	61
	29	James Flynn	30	Virden	....	1	....	....	Arm broken, falling coal	70
	30	Wm. Haustine	28	Staunton	....	1	....	....	Arm broken, falling coal	76
Oct.	2	Anton Metzner	61	..do	1	..	2	3	Hand injured, falling cross bar	*
	4	John Raspica	40	..do	1	..	2	3	Ribs broken, pit car	133
	8	Walter Ryan	26	..do	1	..	1	2	Toe injured, machine	45
	11	S. Croxe	23	Nokomis	....	1	....	....	Finger injured, pulling latch	49
	13	Joe Kergoglic	42	Benld	1	..	....	1	Foot injured, falling coal	30
	14	Joe Hroebic	45	White City	1	..	8	9	Body burned, gas explosion	60
	14	John Bellowitch	25	..do	1	..	3	4	..do	60
	14	William Knase	28	Mt. Olive	1	..	4	5	Shoulder injured, falling prop	53
	18	Walter Deibert	22	..do	....	1	....	2	Leg cut off, pit car	*
	18	Miff Myers	53	..do	1	..	9	9	Finger injured, mining machine	42
	18	J. Peglia	34	Nokomis	1	..	2	3	Body injured, lifting coal	47
	18	J. C. Reardon	52	Witt	1	..	2	3	Leg broken, falling coal	30
	19	W. L. Eaton	28	Nokomis	1	..	2	3	Body injured, falling slate	132
	19	Henry Ketchmark	..	Gillespie	1	..	....	1	Leg injured, pit car	30
	21	Ed. Capstick	28	Hillsboro	1	..	1	2	Eye injured, flying dust	51
	22	Wm. Palvinsky	18	Benld	....	1	....	....	Body injured, kicked by mule	30
	25	C. G. Eobanni	50	Witt	1	..	3	4	Leg broken, falling coal	30
	27	D. Lanfranchi	25	Mt. Olive	....	1	....	1	Leg injured, pit car	30
	27	Charles Machota	39	Staunton	1	..	2	3	Foot broken, mining machine	104
Nov.	1	John Henry	22	Gillespie	....	1	....	....	Foot injured, falling slate	50
	1	John Kubijeck	58	Mt. Olive	....	1	....	....	Hand injured, falling slate	37
	4	Lenard Thompson	18	Girard	....	1	....	....	Body injured, pit car	30
	8	Charles Johnson	54	Mt. Olive	1	..	1	1	Hand injured, falling pipe	68

NONFATAL CASUALTIES, SEVENTH DISTRICT, JUNE 30, 1916—continued.

Date.	Name.	Age.	Residence.	Married.	Single.	Children.	Dependents.	Character of injury and cause of accident.	Time lost—days.
1915									
Nov. 9	Robert Poza	18	Benld	....	1	....	....	Finger broken, door	30
9	Hugo Pieper	16	Staunton	....	1	....	2	Finger injured, falling coal	65
9	Ed. Boyer	50	Carlinville	1	..	5	6	Body injured, falling rock	60
10	Henry H. Hauser	43	Schram City	1	..	4	5	Leg broken, falling coal	30
12	A. C. Walter	23	Gillespie	1	..	2	3	Leg injured, pit car	33
13	John Valli	10	Virden	1	..	3	4	Hand broken, cable	105
15	L. Hollan	38	Nokomis	1	..	....	1	Back injured, lifting coal	231
15	J. Chiocetti	20	..do	....	1	....	1	Leg injured, pit car	111
17	B. Tesdale	49	Schram City	1	..	1	2	Ribs broken, pit car	30
19	Mike Prikie	23	Benld	1	..	1	2	Finger injured, lever	30
22	John Tallen	33	Panama	....	1	....	....	Foot injured, falling coal	70
23	John Kurg	25	Nokomis	....	1	....	....	Leg injured, pit car	220
24	S. Bernadina	38	Hillsboro	1	..	5	6	Ribs broken, not stated	40
25	Thomas Riley	..	Virden	....	1	....	....	Finger injured, lever	*
26	James Kope	28	Nokomis	1	..	....	1	Finger injured, latch	39
26	M. Kalafus	46	Sawyerville	....	1	....	....	Ankle injured, falling coal	30
26	Don Marschal	33	Staunton	1	..	3	4	Collar bone broken, pit car	77
26	Jule Franko	37	Benld	1	..	2	3	Foot injured, rail	30
29	Joe Perla	34	..do	1	..	1	2	Rib broken, fell down	30
29	Gus Whitico	22	Sawyerville	....	1	....	....	Arm broken, not stated	30
29	L. Cheney	20	Nokomis	1	..	2	3	Shoulder injured, pit car	35
29	M. Tormley	60	..do	....	1	....	....	Foot injured, pit car	63
Dec. 2	Emil Van Colle	9	Gillespie	1	..	....	1	Body injured, kicked by mule	30
3	Mat Ballard	50	Schram City	1	..	8	9	Fingers injured, falling coal	30
4	Charles Aprlete	30	Panama	1	..	....	1	Foot injured, falling coal	133
4	A. McKee	16	Nokomis	....	1	....	....	Finger broken, not stated	177
4	George Johnson	40	Gillespie	1	..	1	2	Leg injured, pit car	30
4	Emmer Patterson	..	..do	....	1	....	....	Ribs broken, kicked by mule	30
6	Fred Higgins	20	..do	....	1	....	....	Toes injured, falling slate	30
7	Frank Hannas	53	..do	1	..	....	1	Body injured, falling slate	30
11	Andrew Droski	41	Girard	1	..	2	3	Arm broken, falling coal	30
15	George Robertson	18	Gillespie	....	1	....	....	Ankle broken, pit car	48
16	Gerhard Anton	50	Mt. Olive	1	..	7	8	Hand injured, not stated	68
21	Mike Chipkia	20	White City	....	1	....	....	Fingers injured, fell down	49
21	Alex. Smith	42	Nokomis	....	1	1	1	Head injured, not stated	33
22	Mike Lucash	21	Mt. Olive	....	1	....	....	Fingers injured, trucks	33
23	Peter Giddis	26	Nokomis	....	1	....	1	Body injured, falling coal	33
25	M. McPherson	37	..do	1	..	4	5	Hand injured, falling coal	37
28	James Best	55	Benld	1	..	8	9	Finger cut off, ax	30
30	H. Saliné	53	Staunton	1	..	2	3	Eye injured, flying coal	31
30	John Carman	34	Girard	1	..	1	2	Back injured, not stated	49
30	Robert Cain	26	Carlinville	1	..	3	4	Body injured, pit car	2 0
30	Joseph F. Wetzel	30	..do	1	..	3	4	Body injured, falling coal	120
30	Joe Sherlock	49	Witt	1	..	2	3	Hand injured, struck by sledge	180
1916									
Jan. 6	Alex. Struthern	35	Gillespie	....	1	....	....	Body injured, falling slate	30
8	John Muich	25	Staunton	....	1	....	....	Leg injured, wheel	51
8	A. Loositti	25	Nokomis	....	1	....	....	Arm broken, fell on rail	116
10	H. I. Bird	25	Benld	1	..	1	2	Back injured, not stated	46
10	John Kaichmar	22	Gillespie	....	1	....	....	Finger injured, block	30
11	H. E. Black	24	..do	....	1	....	....	Toe injured, not stated	30
12	J. Rossiti	27	Nokomis	....	1	....	....	Foot injured, switch	165
15	J. Beattie	26	..do	1	..	3	4	Hand injured, falling coal	43
15	Wm. Crawford	35	Taylor Springs	1	..	3	4	Fingers cut off, machine	30
17	John Nash	28	Coffeen	1	..	....	1	Ankle broken, mule fell	35
18	Harry Attwood	19	Pana	....	1	....	....	Hand cut off, pit car	150
19	Louis Mallotia	35	Panama	....	1	....	....	Body injured, falling coal	41
20	Leo Watson	23	Carlinville	1	..	1	2	Eye injured, flying coal	30
21	John Cogart	29	Gillespie	....	1	....	....	Back injured, pit car	30
22	Ed. Capstick	28	Hillsboro	1	..	1	2	Finger cut off, pit car	30
25	Thomas Lindsay	32	Witt	1	..	....	1	Finger cut off, motor	50
27	J. Crawford	49	Nokomis	1	..	6	7	Finger injured, falling prop	39
28	Andrew Johnson	33	Gillespie	1	..	....	1	Shoulder broken, pit car	30
29	John Pratt	49	..do	....	1	....	....	Foot injured, falling coal	64
31	Charles Reid	20	Nokomis	....	1	....	2	Pelvis broken, pit car	151
Feb. 1	Wm. Cool	36	Staunton	....	1	....	....	Back injured, falling slate	*
2	Albert Sibiglia	48	..do	1	..	4	5	Eye injured, flying sulphur	58
7	L. Bertliginolli	34	Benld	1	..	4	5	Finger injured, saw	30
7	R. Summers	40	Hillsboro	....	1	....	2	Eye injured, not stated	63
8	E. P. Reeves	34	Schram City	1	..	2	3	Arm injured, fell on chain	55
8	James Hughes	39	Nokomis	1	..	....	1	Back injured, lifting machine	30
9	John Martin	50	Virden	1	..	....	1	Collar bone broken, not stated	30

NONFATAL CASUALTIES, SEVENTH DISTRICT, JUNE 30, 1916—concluded.

Date.	Name.	Age.	Residence.	Married.	Single.	Children.	Dependents.	Character of injury and cause of accident.	Time lost—days.
1916									
Feb. 10	Peter Morged	35	Mt. Olive	1	..	4	5	Leg broken, not stated	30
10	John Gorden	30	Sorento	1	..	....	1	Ankle injured, pit car	42
11	John Prott	35	Mt. Olive	....	1	....	....	Body injured, motor	30
12	Ralph McReaken	23	Sorento	1	..	....	1	Ribs broken, pit car	64
12	D. Negro	23	Nokomis	....	1	....	1	Wrist injured, shot explosion	63
14	P. Argulo	31	..do	....	1	....	....	Ankle injured, falling slate	31
14	M. Reynolds	42	Schram City	1	..	5	6	Back injured, pit car	30
15	Jacob Shittenkopf	22	Staunton	....	1	....	....	Leg injured, pit car	56
16	Joe Migra	30	Benld	1	..	....	1	Body injured, falling coal	30
18	Mike Ryan	33	Carlinville	1	..	5	6	Foot injured, pit car	120
19	George Evans	59	Gillespie	1	..	....	1	Leg broken, falling coal	30
19	Ed. Sassel	28	Taylor Springs	1	..	2	3	Ribs broken, pit car	32
22	Frank Scott	25	Virden	....	1	....	....	Ribs broken, pit car	38
24	Jacob F. Brizelle	38	Hillsboro	1	..	5	6	Back injured, pit car	136
24	Charles Hudspeth	30	..do	1	..	....	2	Hand injured, not stated	30
24	J. Jones	21	Nokomis	1	..	....	1	Finger broken, pit car	49
25	George Jornes	32	..do	1	..	3	4	Back injured, falling slate	45
26	James Bigley	48	Girard	....	1	....	....	Ankle broken, not stated	37
28	Don Cebrarse	36	Panama	1	..	2	3	Body injured, falling coal	48
29	Charles O. Kek	36	Gillespie	1	..	5	6	Body injured, falling slate	31
Mar. 1	Joe Mullani	23	..do	....	1	....	....	Leg injured, falling slate	33
2	James Senent	35	Panama	1	..	4	5	Foot injured, mining machine	66
4	W. Eaton	29	Nokomis	1	..	2	3	Hand injured, not stated	30
4	John Welnosek	58	Staunton	1	..	3	4	Foot injured, falling coal	36
4	John O. Garro	28	Benld	....	1	....	....	Head injured, falling coal	36
6	James Milliok	30	Panama	1	..	1	2	Finger broken, machine	56
11	C. Loott	28	Nokomis	1	..	1	2	Body injured, caught between motor and rib	31
11	H. E. Black	25	Gillespie	....	1	....	....	Back injured, pit car	30
11	Charles Reginhold	27	..do	....	1	....	....	Foot injured, pit car	30
13	Joe Felippi	40	Staunton	1	..	....	1	Head injured, falling prop	*
14	P. Plaskon	28	Benld	1	..	....	1	Foot injured, fell down	30
14	A. Krochko	24	Nokomis	....	1	....	....	Arm cut off, pit car	97
15	John Bissa	34	Gillespie	....	1	....	....	Ankle injured, pit car	30
18	E. Rollands	38	Virden	....	1	....	....	Body injured, pit car	*
18	Joe Cargino	28	..do	....	1	....	....	Hand injured, machine	32
19	Louis Vallirio	43	Gillespie	1	..	6	7	Back injured, lifting car	30
20	Anton Gabrinetti	33	Staunton	1	..	6	7	Finger injured, not stated	30
21	Italo Venturi	31	Hillsboro	1	..	2	3	Body injured, falling rock	30
22	Joe Viloa	35	Panama	1	..	....	1	Foot injured, falling coal	68
23	C. Donzevitch	41	Nokomis	....	1	....	....	Finger injured, machine	34
27	J. Kaid	19	..do	....	1	....	....	Finger injured, pit car	35
27	L. Deganni	47	Gillespie	1	..	5	6	Back injured, lifting car	30
27	Guy Wordrop	40	..do	1	..	....	1	Pelvis injured, falling coal	30
27	Wm. Thompson	24	Staunton	1	..	2	3	Foot injured, pit car	70
27	Mike Boskovich	42	..do	1	..	2	3	Leg injured, falling coal	38
29	James Cavuetta	25	Gillespie	....	1	....	....	Leg injured, falling coal	37
29	M. Cameron	37	Schram City	1	..	5	6	Back injured, lifting coal	30
30	Frank Wilson	28	Virden	....	1	....	....	Arm injured, falling roof	36
30	Robert Arzig	32	Mt. Olive	1	..	4	5	Leg broken, pit car	*
Apr. 13	Felix Stelia	32	Panama	....	1	....	....	Ankle injured, falling coal	32
15	John Kish	45	..do	....	1	....	....	Hand injured, falling coal	37
17	Herman Eneomillar	60	Staunton	1	..	....	1	Collar bone broken, falling slate	*
19	Charles Millar	24	Sorento	....	1	....	....	Ankle injured, falling coal	39
20	Frank Lipold	41	Staunton	1	..	4	5	Hand injured, bar	56
20	F. Hounas	53	Gillespie	1	..	....	1	Body injured, falling slate	30
27	Paul Septhich	23	Benld	....	1	....	....	Finger injured, cage	34
May 11	Ben Pysatone	22	Benld	....	1	....	....	Body injured, kicked by mule	40
18	Fred Herrin	24	Mt. Olive	1	..	1	2	Leg injured, pit car	34
22	V. Ratowski	36	Hillsboro	....	1	....	1	Eye injured, flying dirt	30
25	B. Robetich	36	Staunton	....	1	....	....	Foot injured, falling coal	*
	C. Richardson	..	Hillsboro	....	1	....	....	Body injured, not stated	42
June 12	Col. Jones	65	Panama	1	..	....	1	Ribs broken, falling coal	*
	Total	..	.....	128	79	310	445		

* Not returned to work, June 30, 1916.

Number injured 207
Number not returned to work 10

Number returned to work 197

Time lost by men returned—days 10,598
Average days lost by men returned 53.80

RECAPITULATION OF NONFATAL ACCIDENTS, SEVENTH DISTRICT, 1916.

Residence.	No.	Occupation.	No.	Cause of accident.	No.	Colliery.	No.
Benld	17	Agent	1	Articles, miscellaneous, struck by	21	Carlinville Coal Co.	7
Carlinville	7	Blacksmith	1	Cage	2	C. & E. I. C. Properties	54
Coffeen	1	Cagers	3	Falling coal	44	Consolidated Coal Co.	40
Gillespie	34	Car trimmer	1	Falling rock	2	Hillsboro Coal Co.	5
Girard	5	Drivers	30	Falling slate	19	Montour Coal Co.	6
Hillsboro	11	Electricians	2	Falling timber	5	Mt. Olive Coal Co.	4
Mt. Olive	15	Laborers	15	Fell down	5	Nokomis Coal Co.	3
Nokomis	38	Loaders	73	Flying coal, sulphur, etc.	5	Royal Colliery Co.	10
Pana	1	Machine helpers	6	Gas explosion	2	Shoal Creek Coal Co.	15
Panama	12	Machine runners	14	Lifting weight	8	Superior Coal Co.	63
Sawyerville	5	Miners	21	Machine	9		
Schram City	6	Motormen	6	Motor	4		
Sorento	3	Spraggers	2	Mule	8		
Staunton	30	Teamster	1	Pit cars	49		
Taylor Springs	2	Timbermen	8	Shot explosion	2		
Virden	11	Trackmen	8	Not stated	22		
White City	5	Trip riders	15				
Witt	4						
Total	207		207		207		207

RECAPITULATION OF NONFATAL CASUALTIES, NATURE OF INJURIES, CONJUGAL RELATIONS, AND TIME LOST, SEVENTH DISTRICT, 1916.

Nature of injuries.	Number.	Married.	Single.	Children.	Dependents.	Time lost—day. Total.	Time lost—day. Average.	Percentage of injuries.
Ankles broken	3	1	2	.....	1	120	40.00	1.45
Ankles injured	8	3	5	11	14	297	37.12	3.87
Arms broken	6	2	4	6	8	352	68.67	2.90
Arm cut off	1	.....	1	.....	.....	97	97.00	.48
Arms injured	4	2	2	6	8	227	56.25	1.93
Backs injured[1]	17	13	4	42	52	876	54.75	8.22
Bodies burned	2	2	.....	11	13	120	60.00	.97
Bodies injured[1]	27	17	10	40	57	1,289	49.58	13.05
Collar bones broken[1]	4	3	1	3	6	202	67 33	1.93
Eyes injured	7	5	2	11	19	295	42.14	3.38
Feet broken	1	1	.....	2	3	104	104.00	.48
Feet injured[1]	20	11	9	17	30	1,214	63.89	9.66
Fingers broken	4	2	2	1	3	312	78.00	1.93
Fingers cut off	6	6	.....	14	20	255	42.50	2.90
Fingers injured[1]	20	8	12	37	46	750	39.47	9.66
Hands broken	3	2	1	5	7	165	55.00	1.45
Hand cut off	1	.....	1	.....	.....	150	150.00	.48
Hands injured[1]	15	11	4	31	42	758	54.14	7.24
Heads injured[1]	10	7	3	12	18	636	70.67	4.83
Legs broken[1]	8	8	.....	19	27	341	48.71	3.87
Leg cut off[1]	1	.....	1	.....	2	.....	.....	.48
Legs injured	14	6	8	6	13	763	54.50	6.76
Pelvis broken	1	.....	1	.....	2	151	151.00	.48
Pelvis injured	1	1	.....	.....	1	30	30.00	.48
Ribs broken[1]	11	9	2	12	21	571	57.10	5.32
Shoulders broken	2	2	.....	.....	2	60	30.00	.97
Shoulders injured	6	5	1	23	28	295	49.17	2.90
Toes injured	3	1	2	1	2	105	35.00	1.45
Wrist injured	1	.....	1	.....	.....	63	63.00	.48
Total	207	128	79	310	445	10,598	53.80	100.00

[1] One not returned to work.

GREENE COUNTY,

Number.	Name of operator.	Post-office address of the mine.	Output of mines in tons. Mine run.	Lump.	Other grades.	Total.	Tons loaded on cars for shipment.
	LOCAL MINES.						
1	Frank Hopper	Roodhouse	6,171	.....	.....	6,171	.....
2	Kincaid-Mitchell Coal Co	Greenfield	.....	3,296	219	3,515	.....
3	Burl. Wyatt	Roodhouse	1,760	.....	.....	1,760	.....
4	Edward Griffits	..do	924	.....	.....	924	.....
5	A. E. Axley	..do	.....	600	30	630	.....
6	O. S. Walker	..do	.....	600	20	620	.....
7	Jas. T. Atkins	..do	520	.....	.....	520	.....
8	Henry Carlton	..do	120	.....	.....	120	.....
	Total		9,495	4,496	269	14,260	.....

Mines in 1915, 6. New mines, 2. Mines in 1916, 8

JERSEY COUNTY,

	LOCAL MINES.						
1	Bott & Griner	Brighton	.....	960	.....	960	.....

Mines in 1915, 1. Mines in 1916, 1.

MACOUPIN COUNTY,

	SHIPPING MINES.						
1	Superior Coal Co., No. 3	Gillespie	.....	876,093	109,389	985,482	.....
2	Superior Coal Co., No. 2	..do	.....	803,904	126,246	930,150	.....
3	Superior Coal Co., No. 1	..do	.....	705,981	105,617	811,598	.....
4	Consolidated Coal Co., No. 14	Staunton	22,419	348,147	205,846	576,412	535,946
5	Consolidated Coal Co., No. 7	..do	20,679	307,316	246,334	574,329	549,702
6	Royal Col. Co., under management Chi., Wilm. & Frank. Coal Co	Virden	21,151	105,572	407,579	534,302	251,153
7	Consolidated Coal Co., No. 15	Mt. Olive	16,554	.....	264,239	280,793	253,855
8	Montour Coal Co., No. 403	Girard	19,816	8[illegible],651	164,506	267,973	107,909
9	Mt. Olive Coal Co., No. 5	Mt. Olive	105,406	57,724	51,691	214,821	101,679
10	Carlinville Coal Co	Carlinville	7,594	37,974	30,380	75,948	33,091
	Total		213,619	3,326,362	1,711,827	5,251,808	1,833,335
	LOCAL MINES.						
1	Ed. A. Bauser	Bunkerhill	785	4,872	1,331	6,988	.....
2	Claude Pitchford	Rockbridge	.....	1,060	10	1,070	.....
	Total		785	5,932	1,341	8,058	.....
	Total—12 mines		214,404	3,332,294	1,713,168	5,259,866	1,833,335

Mines reported for 1915, 14. Abandoned mines, 2. Mines in 1916, 12.

MONTGOMERY COUNTY,

	SHIPPING MINES.						
1	C. & E. I. Coal Property, No. 10	Nokomis	145,250	206,662	389,190	741,102	656,684
2	Shoal Creek Coal Co., No. 1	Panama	3,152	311,710	287,866	602,728	242,160
3	C. & E. I. Coal Property, No. 11	Hillsboro	58,945	195,054	286,870	540,869	423,991
4	C. & E. I. Coal Property, No. 14	Witt	113,058	152,244	189,171	454,473	445,405
5	Nokomis Coal Co., No. 1	Nokomis	11,368	133,317	261,325	406,010	317,589
6	Hillsboro Coal Co	Hillsboro	36,346	107,592	175,262	319,200	298,812
7	Clover Leaf Coal Mining Co., No. 2	Coffeen	1,125	39,125	19,250	59,500	25,500
	Total—7 mines		369,244	1,145,704	1,608,934	3,123,882	2,410,141

Mines in 1915, 8. Abandoned mines, 1. Mines in 1916, 7.

SEVENTH DISTRICT, 1916.

Disposition of output.				Kegs of powder used for blasting coal.	Pounds of permissible explosives used.	Days of active operation.	Total number employed.	Tons mined.		Mining machines—number in use.	Accidents.		Number of motors in use.	Number of animals under ground.	
Tons supplied to locomotives at the mines.	Tons sold to railroad companies and loaded on cars.	Tons sold to local trade.	Tons consumed or wasted at the mine.					By hand.	By machine.		Killed.	Injured.			Number.
.....	.....	6,171	.....	116	.....	300	8	6,171	.....	....	....	....	....	....	1
.....	.....	3,515	.....	150	.....	152	12	3,515	.....	....	....	....	....	....	2
.....	.....	1,760	.....	.....	.....	200	5	1,760	.....	....	....	....	....	....	3
.....	.....	924	.....	.....	.....	180	5	924	.....	....	....	....	....	....	4
.....	.....	630	.....	.....	.....	150	5	630	.....	....	....	....	....	....	5
.....	.....	620	.....	35	.....	100	3	620	.....	....	....	....	....	....	6
.....	.....	520	.....	20	.....	260	1	520	.....	....	....	....	....	....	7
.....	.....	120	.....	18	.....	90	4	120	.....	....	....	....	....	....	8
.....	.....	14,260	.....	339	.....	179	43	14,260	.....	....	....	....	....	....	

SEVENTH DISTRICT, 1916.

.....	.....	960	.....	.....	.....	200	4	960	.....	....	....	....	....	....	1

SEVENTH DISTRICT, 1916.

.....	967,565	1,716	16,201	4,350	.....	225	655	.....	985,482	12	3	25	7	20	1
.....	912,158	2,569	15,423	4,114	.....	212	687	.....	930,150	47	....	22	4	40	2
.....	792,321	1,105	18,172	5,662	.....	206	723	.....	811,598	56	1	16	5	39	3
.....	.....	.....	40,466	4,196	.....	179	710	.....	576,412	22	2	11	9	31	4
.....	.....	.....	24,627	3,138	.....	171	550	.....	574,329	9	1	19	3	26	5
.....	240,342	6,330	36,477	10,193	1,000	223	543	.....	534,302	14	1	10	3	27	6
.....	.....	551	26,387	1,179	.....	93	610	.....	280,793	27	....	10	2	27	7
.....	145,157	8,877	6,030	13,258	.....	195	328	267,973	.....	....	....	6	2	27	8
11,768	93,324	6	8,044	1,021	.....	158	286	.....	214,821	18	....	4	2	15	9
1,973	22,383	14,901	3,600	4,170	.....	161	161	75,948	.....	....	1	7	1	7	10
13,741	3,173,250	36,055	195,427	51,281	1,000	182	5,253	343,921	4,907,887	205	9	130	38	259	
.....	.....	6,988	.....	60	.....	265	10	.....	6,988	1	....	....	....	....	1
.....	.....	1,070	.....	10	.....	150	7	1,070	.....	....	....	....	....	....	2
.....	.....	8,058	.....	70	.....	208	17	1,070	6,988	1	....	....	....	....	
13,741	3,173,250	44,113	195,427	51,351	1,000	186	5,270	344,991	4,914,875	206	9	130	38	259	

SEVENTH DISTRICT, 1916.

.....	84,115	76	227	4,914	.....	189	713	81,239	659,863	30	1	34	17	....	1
.....	322,468	2,823	35,277	.....	111,505	228	520	.....	602,728	20	....	15	6	22	2
.....	105,999	974	9,905	4,602	.....	268	401	.....	540,869	16	....	15	2	....	3
.....	.....	.....	9,068	4,222	.....	143	676	454,473	.....	....	1	5	10	1	4
.....	76,334	2,186	9,901	4,051	.....	169	344	.....	406,010	9	1	3	7	3	5
.....	.....	12,190	8,198	2,756	.....	245	260	.....	319,200	10	1	5	4	18	6
.....	30,275	950	2,775	2,796	.....	157	160	52,500	7,000	1	....	....	1	8	7
.....	619,191	19,199	75,351	23,441	111,505	200	3,074	588,212	2,535,670	86	4	77	47	52	

RECAPITULATION BY COUNTIES, SEVENTH DISTRICT, 1916.

	Greene.	Jersey.	Macoupin.	Montgomery.	Total.
Number of mines	8	1	12	7	28
Shipping	.....	.....	10	7	17
Local	8	1	2	.....	11
Production in tons	14,260	960	5,259,866	3,123,882	8,398,968
Shipping	.....	.....	5,251,808	3,123,882	8,375,690
Local	14,260	960	8,058	.....	23,278
Mine run	9,495	.....	214,404	369,244	593,143
Shipping	.....	.....	213,619	369,244	582,863
Local	9,495	.....	785	.....	10,280
Lump	4,496	960	3,332,294	1,145,704	4,483,454
Shipping	.....	.....	3,326,362	1,145,704	4,472,066
Local	4,496	960	5,932	.....	11,388
Other grades	269	.....	1,713,168	1,608,934	3,322,371
Shipping	.....	.....	1,711,827	1,608,934	3,320,761
Local	269	.....	1,341	.....	1,610
Disposition of output	14,260	960	5,259,866	3,123,882	8,398,968
Loaded on cars for shipment	.....	.....	1,833,335	2,410,141	4,243,476
Other purposes	14,260	960	3,426,531	713,741	4,155,492
Shipping	.....	.....	3,418,473	713,741	4,132,214
Local	14,260	960	8,058	.....	23,278
Kegs of powder used, blasting coal	339	.....	51,351	23,441	75,131
Shipping	.....	.....	51,281	23,441	74,722
Local	339	.....	70	.....	409
Days of active operation (average)	179	200	186	200	188
Shipping	.....	.....	182	200	190
Local	179	200	208	.....	186
Employees	43	4	5,270	3,074	8,391
Shipping	.....	.....	5,253	3,074	8,327
Local	43	4	17	.....	64
Under ground	37	3	4,964	2,870	7,874
Shipping	.....	.....	4,951	2,870	7,821
Local	37	3	13	.....	53
Above ground	6	1	306	204	517
Shipping	.....	.....	302	204	506
Local	6	1	4	.....	11
Tons mined by hand	14,260	960	344,991	588,212	948,423
Shipping	.....	.....	343,921	588,212	932,133
Local	14,260	960	1,070	.....	16,290
Tons mined by machine	.....	.....	4,914,875	2,535,670	7,450,545
Shipping	.....	.....	4,907,887	2,535,670	7,443,557
Local	.....	.....	6,988	.....	6,988
Number of machines in use	.....	.....	206	86	292
Shipping	.....	.....	205	86	291
Local	.....	.....	1	.....	1
Number of motors in use	.....	.....	38	47	85

RECAPITULATION BY COUNTIES, SEVENTH DISTRICT, 1916—concluded.

	Greene.	Jersey.	Macoupin.	Montgomery.	Total.
Number killed	.....	.....	9	4	13
Shipping	.....	.....	9	4	13
Number injured	.....	.....	130	77	207
Shipping	.....	.....	130	77	207

Whole number of mines reported for 1915, 29.
Number of new mines opened during the year 2.
Number of mines abandoned during the year, 3.
Whole number of mines reported for 1916, 28.

EIGHTH INSPECTION DISTRICT—1916.

COUNTIES—BOND, CLINTON, MADISON AND MARION. JOHN KANEY, *Inspector.*

Hon. J. F. Morris, Chief Clerk, State Mining Board, Springfield.

SIR: Complying with section 5 of the General Mining Law of Illinois, I submit herewith the annual report of the coal producing counties of Bond, Clinton, Madison and Marion.

SUMMARY OF THE ITEMS IN THE REPORT.

Number of counties producing coal	4
Number of shipping mines	19
Number of local mines	12
Number of new or reopened mines	.....
Number of closed or abandoned mines	2
Number of miners	882
Others under ground, men	4,643
Boys under ground	134
Boys above ground	5
Others above ground	525
Total number of employees	6,189
Total tons of coal produced	6,120,993
Days of active operation, all mines	187
Kegs of powder used for blasting coal	76,964
Tons of coal shipped	5,293,924
Tons supplied to locomotives	70,073
Tons sold to railroad companies	495,939
Tons sold to local trade	113,534
Tons consumed and wasted at mines	147,523
Number of fatal accidents	18
Number of nonfatal accidents	167
Number of employees to each fatal accident	344
Number of employees to each nonfatal accident	37
Tons of coal produced to each fatal accident	340,055
Tons of coal produced to each nonfatal accident	36,653
Ratio of fatal accidents per 1,000 employees	2.91

The following table gives the total tonnage by counties, for the years 1915 and 1916, with increase or decrease:

Counties.	Total output—tons—1915.	Total output—tons—1916.	Increase.	Decrease.
Bond	58,482	56,482	.....	2,000
Clinton	1,142,264	1,395,588	253,324	.....
Madison	3,437,469	3,768,430	330,961	.....
Marion	961,037	900,493	.....	60,544
Total	5,599,252	6,120,993	584,285	62,544
Net	.....	.....	521,741	.....

NEW MINES.

No new mines have been opened, and but two that did not work at least a part of the year; viz: Lumaghi Coal Co., No. 3, and Frank Schramm.

IMPROVEMENTS.

The Lumaghi Coal Co., at mine No. 2, Collinsville, has installed two gathering motors, which are proving to be a success for gathering coal. A washhouse, 25 feet by 50 feet, equipped with lockers, sprays, faucets, and a water heating system, has been built.

Donk Brothers Coal & Coke Company, mine No. 3, Troy, installed a new multipole electric generator, nine breast machines and one short machine. This changes this mine from a hand to a machine mine. A run around has been arranged at the bottom of the shaft, which allows all coal to be caged from one side. A new smokestack 75 feet in height and 3 feet 6 inches in diameter, has been erected. At mine No. 2, Maryville, a new crusher, capacity 125 tons per hour, has been installed, the crusher and elevator built on a railroad car, and can be moved from one mine to another. A washhouse, 48 feet by 52 feet equipped with 32 sprays, 147 lockers and 200 hangers, has been built. At mine No. 1, Donkville, a 15-ton motor, which increased the capacity of the mine about 800 tons per day, has been put in.

The Madison Coal Corporation, Glen Carbon, has installed self dumping cages to increase hoisting capacity. A washhouse, 50 feet by 30 feet, equipped with 5 sprays, 20 wash bowls, 260 hangers and room for 104 more, 800 gallon hot water tank with steam coil heat, has been built.

The Kerens-Donnawald Coal Company, Worden, has installed two new boilers to replace two old ones. No. 1 boiler has 86 four-inch flues and is 16 feet long. No. 2 has 70 four-inch flues and is 18 feet long. A washhouse 24 feet by 52 feet, equipped with hot and cold water has been built.

The Home Trade Coal Company, Edwardsville, has installed shaker screens, an elevator and revolving screens, so as to be able to prepare for market a 6-inch lump, 6-inch egg and No. 1 and No. 2 nut and screenings. The change will enable this company to have on hand at all times an assortment of coal for the local market and also for shipment.

The new Staunton Coal Company, Livingston, has built a washhouse 28 feet by 72 feet and equipped it with lockers and hot and cold water.

The Mount Olive and Staunton Coal Company, Staunton, has installed a complete coal crushing plant, with capacity of 300 tons per hour.

The Breese Trenton Mining Company, Beckemeyer, has installed one complete coal crushing plant, with a capacity of 300 tons per hour, crusher and conveyor are driven by a 100 horsepower four valve engine; a 100-ton track scale put in and a washhouse 24 feet by 72 feet, equipped with hot and cold water, showers and lockers, has been built. This company has also built a washhouse at east mine, Breese, 18 feet by 45 feet and equipped it with patented hangers and hot and cold water.

The North Breese Coal & Mining Company, Breese, has completed a washhouse, 31 feet by 41 feet, 18 feet high, of concrete blocks and having concrete floors. In one corner of the building is a first aid room, fully equipped with material for giving first aid to injured. The new building will be used for changing and taking care of clothes. It has the overhead hanging system, a locker that will hold and lock the clothes, and still allow them to dry in fresh air. The old washhouse, which is connected to new one, will be used for washing and this one for dressing. A new automatic switch has been placed at bottom of shaft.

The Southern Coal, Coke & Mining Company, mine No. 9, New Baden, has built a washhouse, 30 feet by 50 feet, and equipped it with hot and cold water, sprays, hangers and basins. A large pond has been constructed, and the mines are well supplied with water.

The Marion County Coal Company has taken over, from a private party, a washhouse 30 feet by 55 feet, equipped with hot and cold water and showers.

The Chicago Sandoval Coal Company has installed a shaker screen at No. 2 mine, Sandoval, so as to be able to supply the market with all sizes of coal, such as 6-inch, 3-inch and nut screenings. This company has also erected a washhouse 24 feet by 40 feet and equipped it with hangers and sprays.

The Odin Coal Company has built a washhouse 40 feet by 50 feet and equipped it with lockers and sprays.

Fatal Accidents.

July 20, 1915, George Hollenkamp, miner, age 40 years, married, was instantly killed by a fall of coal in Breese-Trenton Mining Company's Buxton mine, Beckemeyer, Clinton County. He leaves a widow and five children.

July 21, 1915, Louis Scocco, miner, age 26 years, single was killed by falling coal in New Staunton Coal Company's mine, Livingston, Madison County.

August 1, 1915, George Robinson, miner, age 29 years, married, was instantly killed by a fall of slate while loading coal in Donk Bros. Coal & Coke Company's mine No. 1, Donkville, Madison County. He leaves a widow.

October 6, 1915, Fred Becker, miner, age 47 years, married, employed in Marion County Coal Company's mine, Glen Ridge, Marion County, was killed by falling slate. He leaves a widow and three children.

October 11, 1915, John Thompson, miner, age 40 years, single, was killed by falling slate in New Staunton Coal Company's mine, Livingston, Madison County.

October 18, 1915, Adam Niemice, machine helper, age 35 years, married, was killed in the Mount Olive and Staunton Coal Company's No. 2 mine, Williamson, Madison County, by a fall of coal and slate. He leaves a widow and three children.

November 16, 1915, Fred Rolfingsmeyer, miner, age 63 years, married, died from injuries received the previous day by a fall of slate in North Breese Coal & Mining Company's mine, Breese, Clinton County. He leaves a widow and seven children, one dependent.

December 14, 1915, Henry Rotterman, machine helper, age 48 years, married, died from injuries received the previous day by a fall of coal in Southern Coal, Coke and Mining Company's No. 9 mine, New Baden, Clinton County. He leaves a widow and one child.

January 13, 1916, W. E. Lellewellyn, laborer, age 38 years, married, employed by Donk Bros. Coal and Coke Company, at mine No. 2, Maryville, Madison County, was struck by slack car and died in about six hours. He leaves a widow.

January 25, 1916, Carl Althardt, driver, age 29 years, married, was run over and killed by a loaded pit car in Lumaghi Coal Company's mine No. 2, Collinsville, Madison County. He leaves a widow and one child.

February 1, 1916, Frank Olbrich, miner, age 35 years, single, was killed by falling coal in Donk Bros. Coal and Coke Company's No. 2 mine, Maryville, Madison County.

February 3, 1916, Herbert Weishaupt, miner, age 24 years, single, was killed by a blown out shot in E. C. Stiegemeir's mine, Worden, Madison County.

February 25, 1916, Mike Horatick, miner, age 33 years, married, was killed in New Staunton Coal Company's mine, Livingston, Madison County, by falling slate. He leaves a widow and three children.

February 28, 1916, Joseph Schmagel, driver, age 21 years, single, was killed by pit cars in New Staunton Coal Company's mine, Livingston, Madison County.

March 13, 1916, Walter Williams, driver, age 30 years, married, died from injuries received February 19, in Lumaghi Coal Company's No. 2 mine, Collinsville, Madison County, when he was squeezed by his mule against the car, fracturing the pelvic bones and puncturing the bladder. He leaves a widow and two children.

March 14, 1916, Elic Keady, miner, age 69 years, married (family in Europe) was injured March 9, in Chicago-Sandoval Coal Company's No. 2 mine, Sandoval, Marion County, by a fall of slate and died of such injuries five days later.

May 9, 1916, Anton Jagis, machine helper, age 31 years, single, employed in New Staunton Coal Company's mine, Livingston, Madison County, was killed by falling slate and coal.

May 24, 1916, Alix Montagnani, miner, age 35 years, single, was killed in No. 2 mine, Lumaghi Coal Company, Collinsville, Madison County, by a fall of slate.

Respectfully submitted,

JOHN KANEY,
State Inspector of Mines, Eighth District, Centralia, Ill.

FATAL CASUALTIES, EIGHTH DISTRICT, JUNE 30, 1916.

Date.	Name.	Age.	Occupation.	Residence.	Married.	Single.	Widow.	Children.	Dependents.	Cause of death.
1915										
July 20	George Hollenkamp.	40	Miner	Carlyle	1	..	1	5	6	Falling coal.
21	Louis Scocco	26	..do	Livingston	..	1	..	..	..	Falling coal.
Aug. 1	George Robinson	29	..do	Donkville	1	..	1	..	1	Falling slate.
Oct. 6	Fred Becker	47	..do	Central City	1	..	1	3	2	Falling slate.
11	John Thompson	40	..do	Livingston	..	1	..	..	..	Falling slate.
18	Adam Niemice	35	Machine helper.	Staunton	1	..	1	3	4	Falling slate.
Nov. 16	Fred Rolfingsmeyer.	63	Miner	Breese	1	..	1	7	1	Falling slate.
Dec. 14	Henry Rotterman	48	Machine helper.	New Baden	1	..	1	1	2	Falling coal.
1916										
Jan. 13	W. E. Lellewellyn	38	Laborer	Collinsville	1	..	1	..	1	Struck by railroad car.
25	Carl Althardt	29	Driver	..do	1	..	1	1	2	Pit car.
Feb. 1	Frank Olbrick	35	Miner	Maryville	..	1	..	..	..	Falling coal.
3	Herbert Weishaupt	24	..do	Prairietown	..	1	..	..	..	Blown out shot.
25	Mike Horatich	33	..do	Livingston	1	..	1	3	4	Falling slate.
28	Joseph Schmagel	21	Driver	..do	..	1	..	..	..	Pit car.
Mar. 13	Walter Williams	30	..do	Collinsville	1	..	1	2	3	Squeezed between car and mule.
14	Elic Keady	69	Miner	Sandoval	1	..	1	..	..	Falling slate.
May 9	Anton Jagis	31	Machine helper.	Livingston	..	1	..	..	..	Falling coal.
24	Alix Montagnani	35	Miner	Donkville	..	1	..	..	..	Falling slate.
	Total	..			11	7	11	25	26	

RECAPITULATION OF FATAL ACCIDENTS, EIGHTH DISTRICT, 1916.

Residence.	No.	Occupation.	No.	Cause of accident.	No.	Colliery.	No.
Breese	1	Drivers	3	Blown out shot	1	Breese-Trenton M. Co.	1
Carlyle	1	Laborer	1	Falling coal	5	Chi.-Sandoval C. Co.	1
Central City	1	Machine helpers	3	Falling slate	8	Donk Bros. C. & C. Co.	3
Collinsville	3	Miners	11	Pit cars	2	Lumaghi Coal Co.	3
Donkville	2			Railroad car	1	Marion County C. Co.	1
Livingston	5			Squeezed between mule and car	1	Mt. Olive & Staunton Coal Co.	1
Maryville	1					New Staunton C. Co.	5
New Baden	1					N. Breese C. & M. Co.	1
Prairietown	1					So. C. C. & M. Co.	1
Sandoval	1					Steigemeir, E. C.	1
Staunton	1						
Total	18		18		18		18

NONFATAL CASUALTIES, EIGHTH DISTRICT, JUNE 30, 1916.

Date.	Name.	Age.	Residence.	Married.	Single.	Children.	Dependents.	Character of injury and cause of accident.	Time lost—days.
1915									
July 8	Ulla Kauber	46	Staunton	1	..	6	7	Head injured, falling coal	89
15	John Geacoletto	21	Collinsville	..	1	....	....	Head injured, falling coal	150
19	Rud Katva	37	Glen Carbon	1	..	5	6	Finger injured, pit car	83
23	John Hollie	29	Williamson	1	..	5	6	Arm injured, pit car	44
24	John Grove	19	Livingston	..	1	....	....	Hand injured, pit car	31
28	Henry Brandt	40	Carlyle	1	..	5	6	Body burned, premature shot	300
29	Wm. F. Drinkpole	40	Centralia	1	..	....	1	Body injured, pit car	33
30	Jas. Eamon	30	Collinsville	..	1	....	....	Body injured, falling slate	48
30	Sylvester Pesefu	31	..do	..	1	....	....	Body injured, squeezed by mule	34
Aug. 4	L. Palquaria	46	Central City	1	..	3	4	Body injured, falling coal	38
4	G. M. Farnsworth	40	Troy	1	..	2	3	Wrist broken, falling slate	60
5	Frank Batcha	22	Collinsville	..	1	....	....	Leg broken, motor	270
6	John Bond	40	Centralia	1	..	....	1	Head injured, falling slate	169
6	Joe Pomatto	33	Collinsville	1	..	2	3	Body injured, falling slate	32
7	Joe Garenz	45	Livingston	1	..	4	5	Leg broken, falling slate	*
9	John Lenzini	38	Centralia	1	..	....	1	Body burned, gas explosion	40
9	H. Hillinger	36	Collinsville	1	..	2	3	Toe injured, machine	57
20	James Hubbard	38	O'Fallon	1	..	5	6	Leg broken, pit car	90
21	Dom Guiratta	35	Williamson	..	1	....	....	Toes injured, pit car	36
27	E. Geiger	21	Troy	..	1	....	....	Ankle injured, falling slate	75
Sept. 2	Sam David	31	..do	1	..	4	5	Leg injured, falling slate	100
9	Elmer Clayton	23	Collinsville	1	..	....	1	Foot injured, stepped on nail	33
11	George Kimberline	20	Troy	..	1	....	....	Head injured, kicked by mule	30
11	George Hersco	20	Maryville	..	1	....	....	Body injured, falling slate	38
14	O. Berniski	40	Troy	1	..	4	4	Body injured, falling coal	60
22	Anton Degonia	35	Glen Ridge	1	..	....	1	Finger injured, falling coal	37
23	Ed. Seagraves	33	Beckemeyer	..	1	....	....	Finger cut off, pit car	60
24	Amos Arrison	20	Centralia	..	1	....	....	Foot injured, falling slate	37
24	James Williams	38	Sandoval	..	1	....	....	Eye injured, flying sulphur	60
28	George Batcha	19	Collinsville	..	1	....	....	Arm broken, fell down	42
29	Paul Arnotti	43	..do	1	..	3	4	Finger broken, falling prop	40
30	Ben Wiese	22	..do	..	1	....	....	Leg broken, pit car	60
30	Geo. Kein	40	..do	1	..	1	1	Finger injured, axe	45
Oct. 4	Warner Blair	39	Livingston	1	..	5	6	Leg injured, falling slate	58
4	Geo. Mellulius	25	New Baden	1	..	3	4	Collar bone broken falling coal	45
5	John Kovalzik	37	Livingston	1	..	4	5	Back broken, falling coal	*
7	E. Jordan	22	Sandoval	..	1	....	1	Leg broken, pit car	90
8	Leo Mirol	22	Staunton	..	1	....	....	Hand injured, falling coal	50
12	Frank Maley	50	Edwardsville	1	..	6	7	Hand injured, falling coal	54
13	Thos. H. Molloy	36	Pocahontas	1	..	2	3	Hand injured, wedge	35
13	Joe Habering	32	Staunton	1	..	....	1	Collar bone broken, fell down	45
15	Martin McGreary	19	Centralia	..	1	....	....	Hands injured, gasoline ignited	38
15	Ben Forsyth	30	..do	1	..	....	1	..do	34
16	Geo. Reay	46	Livingston	..	1	....	....	Body injured, pit car	99
18	Eli Russell	50	Collinsville	1	..	2	2	Foot broken, falling coal	41
21	B. Zavecker	20	Livingston	..	1	....	....	Hand injured, falling rock	39
21	Chas. Donaldson	43	Collinsville	1	..	2	3	Head injured, falling slate	60
22	Recordi Derinden	33	..do	1	..	2	3	Foot injured, falling coal	34
25	Chas. Baldness	21	..do	..	1	....	....	Body injured, pit car	40
25	Gus Moller	43	Glen Ridge	1	..	....	1	Foot injured, pit car	30
28	Thos. Coulson	63	Glen Carbon	1	..	....	1	Hand injured, flying spike	47
30	David Bryson	25	Trenton	1	..	....	1	Leg broken, tail chain	120
30	Dan Bryson	25	..do	1	..	....	1	Leg broken, pit car	58
Nov. 2	Elmer Jones	25	Central City	..	1	....	....	Leg injured, kicked by mule	41
4	Emmet Shea	28	Collinsville	1	..	2	3	Foot injured, machine	36
5	Fritz Mueller	39	Breese	1	..	6	7	Foot broken, falling coal	31
6	Theo. Frank	27	..do	..	1	....	....	Leg injured, falling coal	43
10	John Keohs	40	Livingston	1	..	2	3	Foot broken, falling coal	69
10	Louis Broeski	47	..do	..	1	....	....	Toe broken, falling slate	39
10	Joe Tornero	20	Glen Carbon	..	1	....	1	Hand injured, caught in switch	32
10	J. W. Watts	45	Troy	1	..	4	4	Body injured, falling coal	120
21	Gus Melzer	20	Livingston	..	1	....	....	Leg injured, pit car	35
23	Frank Polka	48	Staunton	1	..	5	5	Body injured, cage fell	229
23	Joe Harkey	23	..do	..	1	....	....	Leg injured, cage fell	208
23	M. Speigel	27	..do	..	1	....	....	Body injured, cage fell	187
23	Wm. Vespe	50	..do	..	1	....	....	Body injured, cage fell	*
23	Peter Kraus	40	..do	1	..	2	3	Body injured, cage fell	204
23	Dom Crosarro	33	..do	..	1	....	....	Body injured, cage fell	160
23	Les Jolley	20	Williamson	..	1	....	....	Leg injured, cage fell	175
23	Tony Bonatto	28	..do	..	1	....	....	..do	*
24	Thos. Clemson	65	Glen Carbon	1	..	2	1	Eye injured, flying sulphur	72
27	Elmer Hatmaker	22	Trenton	..	1	....	....	Ankle broken, falling slate	60
27	P. Pistoni	50	Troy	1	..	2	3	Back injured, lifting coal	45

NONFATAL CASUALTIES, EIGHTH DISTRICT, JUNE 30, 1916—continued.

Date.	Name.	Age.	Residence.	Married.	Single.	Children.	Dependents.	Character of injury and cause of accident.	Time lost—days.
1915									
Nov. 30	Joe Beil	38	Glen Carbon	..	1	....	....	Foot injured, falling coal	33
Dec. 2	Frank Marco	48	Collinsville	1	..	4	5	Leg injured, falling slate	52
3	Henry Gilbert	33	Central City	..	1	....	....	Back injured, falling coal	40
4	J. Danhardt	27	Trenton	..	1	....	....	Leg broken, kicked by mule	40
8	Joe Muzzerrili	40	Glen Ridge	1	..	....	1	Body burned, gas explosion	60
8	Joe Degasperri	43	Central City	1	..	....	1	..do	*
8	John D. Bazzo	23	Williamson	..	1	....	....	Finger injured, falling slate	32
10	Mike Budnarik	23	Livingston	..	1	....	....	Finger injured, prop	79
12	Conrad Bachman	25	New Baden	1	..	2	3	Body injured, pit car	38
13	Pete Carbonetti	52	Collinsville	1	..	3	4	Foot injured, pit car	38
16	John Zatkoskas	28	do	1	..	1	2	Body injured, falling coal	*
17	Richard Thomas	34	Breese	1	..	6	7	Hand injured, machine	31
17	Mike Spudick	23	Livingston	1	..	1	2	Ribs broken, squeezed by mule	75
22	B. Oberto	41	do	1	..	3	4	Wrist injured, falling slate	*
23	Geo. East	48	Collinsville	1	..	3	4	Foot injured, jack fell	43
23	Herman Schmidt	67	Staunton	1	..	10	4	Leg injured, falling coal	80
23	Ruben Martin	27	Worden	1	..	2	3	Body injured, not stated	38
27	John Lawanas	27	Collinsville	1	..	4	5	Leg broken, falling coal	136
1916									
Jan. 10	Frank Rouchetto	53	O'Fallon	1	..	4	5	Leg injured, falling coal	45
10	A. Urnez	47	Livingston	..	1	....	....	Body injured, falling coal	*
13	A. P. Sands	40	Maryville	1	..	2	3	Eye injured, flying coal	61
14	Louis Campani	36	Williamson	..	1	....	....	Eye injured, flying coal	66
15	Chas. Goodall	28	New Baden	1	..	4	5	Ankle broken, falling coal	45
18	Leo Meriol	23	Staunton	..	1	....	....	Hand injured, falling coal	*
18	John Turon	27	Livingston	..	1	....	....	Body injured, pit car	163
18	Emil Strothude	29	New Baden	1	..	2	3	Leg broken, falling slate	31
22	Paul Arnotti	43	Collinsville	1	..	3	4	Body injured, falling prop	41
22	Wm. Haybrook	48	Centralia	1	..	....	1	Head injured, falling slate	30
29	Wm. Kazor	25	Williamson	..	1	....	....	Foot broken, pit car	*
Feb. 4	Lee Thorp	65	Glen Carbon	1	..	3	2	Toe injured, falling hook	51
8	Charles Sterbis	31	Livingston	1	..	5	6	Body injured, falling slate	62
8	Norman Chapman	17	Staunton	..	1	....	....	Hand injured, pit car	48
9	Joseph Metulki	32	Edwardsville	..	1	....	....	Body injured, falling coal	*
11	Clifford Fenley	23	Livingston	..	1	....	....	Shoulder broken, falling bar	59
11	Wm. Timmerman	21	Breese	..	1	....	....	Arm broken, falling coal	110
12	Wm. Miller	29	Glen Carbon	..	1	....	....	Arm injured, motor	48
14	Thos. Povliza	42	Centralia	1	..	....	1	Leg injured, falling coal	33
14	James Williams	38	Sandoval	..	1	....	....	Leg injured, not stated	35
15	P. Craney	35	Troy	1	..	....	1	Wrist broken, falling slate	*
19	H. Schestokat	26	..do	..	1	....	....	Body injured, falling slate	120
21	Roy Heaner	19	Sandoval	1	..	....	1	Leg broken, pit car	100
21	Ben Wieter	40	Breese	1	..	8	9	Leg broken, machine	100
22	Walter Newman	25	Odin	1	..	....	1	Foot injured, pit car	50
29	Louis Mantel	20	Staunton	..	1	....	....	Foot injured, pit car	*
29	Charles Manapau	50	do	1	..	6	7	Foot injured, falling coal	34
Mar. 1	Thos. Clemson	65	Glen Carbon	1	..	2	1	Hand injured, kicked by mule	30
2	J. Williams	45	Troy	1	..	5	6	Rib broken, fell down	40
4	Tony Giacotello	50	Collinsville	1	..	4	5	Body injured, falling slate	48
8	John Dervilius	40	do	1	..	1	2	Finger injured, struck by pick	30
9	Ben Akrens	71	Breese	1	..	....	1	Foot broken, falling coal	90
9	Anton Vogt	41	New Baden	..	1	....	....	Eye destroyed, flying steel	100
10	Ed Feller	32	Livingston	..	1	....	....	Rib broken, pit car	32
10	Ray Gammon	17	Pocahontas	..	1	....	....	Leg broken, falling slate	*
11	Lester Gori	22	Williamson	..	1	....	....	Foot injured, pit car	35
14	Alfred Parry	55	Centralia	1	..	....	1	Back injured, falling slate	46
14	W. W. Scott	26	Troy	..	1	....	....	Back injured, lifting machine	50
14	Mike Kue	40	Staunton	1	..	2	3	Nose broken, falling slate	95
16	Mike Krivasick	27	Livingston	..	1	....	....	Finger broken, kicked by mule	69
17	Joe Pocka	23	Staunton	..	1	....	....	Body injured, falling coal	35
18	Taylor Haukins	53	Central City	..	..	....	1	Leg injured, falling slate	74
23	Joe Paris	36	Staunton	1	..	6	7	Foot injured, falling coal	35
24	D. Valesano	40	Maryville	..	1	....	....	Finger injured, falling coal	40
27	Ray Hooper	29	Pocahontas	..	1	....	....	Foot injured, pit car	35
28	John Scott	54	Sandoval	1	..	....	1	Finger injured, not stated	40
31	Earl Bryant	25	New Baden	..	1	....	....	Body injured, railroad cars	90
Apr. 1	A. S. Swain	31	Odin	1	..	....	1	Back injured, falling coal	40
1	Blanchard Lore	35	Beckemeyer	1	..	1	2	Finger injured, falling slate	30
1	Grove Wimberly	24	..do	1	..	1	2	Finger injured, pit car	60
7	Wm. Hoenig	50	Troy	1	..	3	3	Finger injured, axe	40
7	Geo. Bakcza	35	Maryville	..	1	....	....	Arm injured, falling slate	60

NONFATAL CASUALTIES, EIGHTH DISTRICT, JUNE 30, 1916—concluded.

Date.	Name.	Age.	Residence.	Married.	Single.	Children.	Dependents.	Character of injury and cause of accident.	Time lost—days.
1916									
Apr. 8	M. Stahara	28	Collinsville	1	..	....	1	Finger cut off, jack pipe	36
13	B. Milkush	56	Staunton	1	..	4	5	Back injured, falling slate	50
14	Gus Kaehker	41	Sandoval	1	..	5	6	Hand broken, not stated	30
15	John Semanich	34	Staunton	1	..	4	5	Foot injured, falling slate	31
21	Frank Perkhouse	41	Edwardsville	1	..	....	1	Body injured, fell down	*
27	Henry Paul	30	Collinsville	1	..	2	3	Leg injured, jack pipe	41
30	Frank Macke	17	Breese	..	1	....	....	Leg broken, falling coal	60
May 2	Jule Barth	61	Collinsville	1	..	3	4	Leg broken, falling slate	*
3	Peter Danelli	35	Williamson	1	..	5	6	Finger injured, pit car	*
8	Frank Monish	18	Staunton	..	1	....	....	Hand broken, pit car	56
17	Joe Vivial	35	..do	1	..	2	3	Hand injured, falling rock	43
17	Louis Avonemi	32	Livingston	..	1	....	....	Head injured, falling slate	41
18	Andy Andis	25	..do	..	1	....	....	Leg broken, falling rock	*
22	James Mullen	40	Central City	1	..	....	1	Finger injured, falling slate	38
26	Ralph Conway	24	Collinsville	1	..	....	1	Body injured, falling coal	*
26	Theodore Schuster	24	Maryville	..	1	....	....	Hand broken, motor	*
26	Hy Bentel	45	..do	1	..	....	1	Hands injured, pit cars	*
June 2	Peter Dame	25	Beckemeyer	1	..	1	2	Toe broken, falling slate	*
5	Andy Pianpellie	34	Maryville	..	1	....	....	Finger cut off, pit car	*
8	M. Newyork	22	Collinsville	..	1	....	....	Finger broken, pit car	*
12	Joe Treckel	40	..do	1	..	2	3	Body injured, falling rock	*
12	M. Wishinskey	64	Sandoval	1	..	9	9	Shoulder broken, not stated	60
15	Joe House	35	Collinsville	1	..	4	5	Fingers cut off, falling slate	*
22	J. H. Ilesman	22	Maryville	..	1	....	....	Fingers broken, jack pipe	*
	Total	..		99	68	234	324		

* Not returned to work.

Number injured 167
Number not returned to work 27

Number returned to work 140

Time lost by men returned—days 8,991
Average days lost 64.22

RECAPITULATION OF NONFATAL ACCIDENTS, EIGHTH DISTRICT, 1916.

Residence.	No.	Occupation.	No.	Cause of accident.	No.	Colliery.	No.
Beckemeyer	4	Cagers	2	Axe	2	Breese-Trenton M. Co.	10
Breese	7	Coupler	1	Cage fell	8	Chi.-Sandoval C. Co.	7
Carlyle	1	Drivers	29	Caught in switch	1	Donk Bros. C. & C. Co.	40
Central City	4	Foreman	1	Falling bar	1	Kerns-Donnewald C.Co.	1
Centralia	11	Laborers	15	Falling coal	36	Lumaghi Coal Co.	15
Collinsville	32	Loaders	34	Falling hook	1	Madison Coal Corp.	8
Edwardsville	3	Machine helpers	5	Falling prop	3	Marion Co. Coal Co.	18
Glen Carbon	9	Machine runners	15	Falling rock	4	Mt. Olive & Staunton Coal Co.	29
Glen Ridge	2	Miners	49	Falling slate	35	New Staunton C. Co.	21
Livingston	20	Motormen	3	Fell down	4	N. Breese C. & M. Co.	3
Maryville	8	Spraggers	3	Flying coal	2	Odin Coal Co.	2
New Baden	6	Timbermen	2	Flying spike	1	Pocahontas M. Co.	3
Odin	2	Trackmen	3	Flying steel	1	So. C., C. & M. Co.	10
O'Fallon	2	Trip riders	4	Flying sulphur	2		
Pocahontas	3	Weighman	1	Gas explosion	3		
Sandoval	6			Gasoline ignited	2		
Staunton	21			Jack pipe	4		
Trenton	4			Kicked by mule	5		
Troy	12			Machine	5		
Williamson	9			Motor	3		
Worden	1			Pit cars	31		
				Premature shot	1		
				Railroad cars	1		
				Stepped on nail	1		
				Struck by pick	1		
				Squeezed by mule	2		
				Tail chain	1		
				Wedge	1		
				Not stated	5		
Total	167		167		167		167

RECAPITULATION OF NONFATAL CASUALTIES, NATURE OF INJURIES, CONJUGAL RELATIONS, AND TIME LOST, EIGHTH DISTRICT, 1916.

Nature of injuries.	Number.	Married.	Single.	Children.	Dependents.	Time lost—days.		Percentage of injuries.
						Total.	Average	
Ankles broken	2	1	1	4	5	105	52.50	1.20
Ankle injured	1	.....	1	.....	.....	75	75.00	.60
Arms broken	2	.....	2	.....	.....	152	76.00	1.20
Arms injured	3	1	2	5	6	152	50.66	1.80
Back broken[1]	1	1	.....	4	5	.....	.....	.60
Backs injured	6	4	2	6	10	271	45.17	3.59
Body injured[1]	4	4	.....	5	9	400	133.33	2.40
Bodies injured[2]	30	16	14	42	52	1,957	85.09	17.96
Collar bones broken	2	2	.....	3	5	90	45.00	1.20
Eye destroyed	1	.....	1	.....	.....	100	100.00	.60
Eyes injured	4	2	2	4	4	159	39.75	2.40
Feet broken[1]	5	4	1	10	13	201	50.25	2.99
Feet injured[1]	15	10	5	20	29	504	36.00	8.97
Fingers broken[2]	4	1	3	3	4	108	54.00	2.40
Fingers cut off[3]	4	2	2	4	6	96	48.00	2.40
Fingers injured[1]	13	10	3	16	25	654	46.71	7.78
Hands broken[1]	3	1	2	5	6	86	43.00	1.80
Hands injured[3]	15	8	7	18	24	512	39.38	8.97
Heads injured	7	4	3	8	12	569	81.26	4.19
Legs broken[4]	16	10	6	26	36	1,177	98.08	9.58
Legs injured[1]	15	8	7	25	33	1,019	72.79	8.97
Nose broken	1	1	.....	2	3	95	95.00	.60
Ribs broken	3	2	1	3	3	147	45.67	1.80
Shoulders broken	2	1	1	9	9	119	59.50	1.20
Toes broken[1]	2	1	1	1	2	39	39.00	1.20
Toes injured	3	2	1	5	5	144	48.00	1.80
Wrist broken	1	1	.....	2	3	60	60.00	.60
Wrists injured[3]	2	2	.....	5	5	.....	.....	1.20
Total	167	99	68	234	324	8,991	64.22	100.00

[1] One not returned to work.
[2] Seven not returned to work.
[3] Two not returned to work.
[4] Four not returned to work.

BOND COUNTY,

Number.	Name of operator.	Post-office address of the mine.	Output of mines in tons.				Tons loaded on cars for shipment.
			Mine run.	Lump.	Other grades.	Total.	
	SHIPPING MINES.						
1	Pocahontas Mining Co., No. 1	Pocahontas	.....	11,296	45,186	56,482	48,546

Mines in 1915, 1. Mines in 1916, 1.

CLINTON COUNTY,

	SHIPPING MINES.						
1	Southern C., C. & M. Co., No. 9	New Baden	216,793	173,685	142,297	532,775	507,451
2	Breese-Trenton Min. Co., Buxton	Beckemeyer	22,758	193,010	136,668	352,436	166,173
3	Breese-Trenton Min. Co., Breese	Breese	12,406	80,614	167,442	260,462	100,021
4	North Breese Coal & Mining Co.	..do	4,000	159,598	86,317	249,915	242,010
	Total—4 mines		255,957	606,907	532,724	1,395,588	1,015,655

Mines in 1915, 4. Mines in 1916, 4.

MADISON COUNTY,

	SHIPPING MINES.						
1	New Staunton Coal Co., No. 1	Livingston	204,389	230,881	526,456	961,726	951,673
2	Donk Bros. C. & C. Co., No. 2	Maryville	77,619	422,812	253,013	753,444	737,515
3	Mt. Olive & Staunton C. Co., No. 2	Staunton	.....	377,915	318,370	696,285	683,945
4	Lumaghi Coal Co., No. 2	Collinsville	.....	175,534	210,159	385,693	317,785
5	Madison Coal Corporation, No. 2	Glen Carbon	310,121	3,383	12,944	326,448	313,142
6	Donk Bros. Coal & Coke Co., No. 1	Collinsville	1,840	122,962	106,050	230,852	224,420
7	Donk Bros. C. & C. Co., No. 3	Troy	9,293	108,373	55,303	172,969	162,383
8	Kerns & Donnewald Coal Co.	Worden	25,337	49,561	67,032	141,930	136,607
9	City Coal Co., No. 3	Edwardsville	9,563	8,932	6,158	24,653	1,850
10	Edwardsville Home Trade C. Co.	..do	.....	15,655	8,022	23,677	15,372
	Total		638,162	1,516,008	1,563,507	3,717,677	3,544,692
	LOCAL MINES.						
1	Abbey Coal Corporation	Collinsville	2,364	7,094	2,364	11,822	.....
2	East Side Coal Co.	Edwardsville	2,128	5,674	2,837	10,639	.....
3	Hydraulic Press Brick Co.	Collinsville	8,929	.....	.....	8,929	.....
4	Bullock Bros.	..do	5,006	1,104	1,324	7,434	.....
5	Bunker Hill Coal Co.	..do	2,400	2,663	.....	5,063	.....
6	Geo. Kabel	Moro	.....	1,700	.....	1,700	.....
7	Humm Bros.	Bethalto	1,600	.....	.....	1,600	.....
8	E. C. Stiegmeier	Worden	.....	1,500	.....	1,500	.....
9	Peter Meyer	Bethalto	1,100	.....	.....	1,100	.....
10	Benj. Eccles	Alton	550	.....	.....	550	.....
11	Ernest H. Rink	Bethalto	272	.....	.....	272	.....
12	Henry Bauer	..do	144	.....	.....	144	.....
	Total		24,493	19,735	6,525	50,753	.....
	Total—22 mines		662,655	1,535,743	1,570,032	3,768,430	3,544,692

Mines reported for 1915, 24. Abandoned mines, 2. Mines in 1916, 22.

EIGHTH DISTRICT, 1916.

Disposition of output.				Kegs of powder used for blasting coal.	Pounds of permissible explosives used.	Days of active operation.	Total number employed.	Tons mined.		Mining machines—number in use.	Accidents.		Number of motors in use.	Number of animals under ground.	Number.
Tons supplied to locomotives at the mines.	Tons sold to railroad companies and loaded on cars.	Tons sold to local trade.	Tons consumed or wasted at the mines.					By hand.	By machine.		Killed.	Injured.			
.....	.....	2,826	5,110	2,876	....	133	99	56,482	.....	....	....	3	....	9	1

EIGHTH DISTRICT, 1916.

61	78	4,892	20,9[illegible]	4,484	....	200	544	.....	532,775	18	1	10	2	19	1
.....	166,105	3,684	16,474	3,611	....	243	236	.....	352,436	7	1	7	2	13	2
62,289	87,139	7,793	3,220	2,766	....	272	217	.....	260,462	5	....	3	4	10	3
.....	.....	.....	7,905	2,784	....	217	242	.....	249,915	11	1	3	1	14	4
62,350	253,322	16,369	47,892	13,645	....	233	1,239	.....	1,395,588	41	3	23	9	56	

EIGHTH DISTRICT, 1916.

.....	.....	2,964	7,089	7,251	....	207	648	.....	961,726	17	5	21	3	38	1
730	.....	1,728	13,471	7,335	....	242	602	.....	753,444	19	2	27	4	43	2
.....	.....	1,742	10,598	3,681	....	180	610	.....	696,285	18	1	29	2	31	3
.....	62,779	.....	5,129	3,566	....	151	465	.....	385,693	22	3	15	5	23	4
.....	.....	1,166	12,140	2,435	....	172	393	.....	326,448	33	....	8	4	23	5
30	.....	162	6,240	10,300	....	123	424	230,852	.....	....	1	2	3	19	6
.....	.....	4,836	5,750	3,287	....	167	292	86,484	86,485	9	....	11	2	15	7
.....	.....	2,882	2,441	1,191	....	140	194	.....	141,930	7	....	1	1	11	8
6,963	.....	14,075	1,765	767	....	212	47	24,653	.....	....	....	....	....	4	9
.....	.....	7,405	900	798	....	208	40	23,677	.....	....	....	....	....	4	10
7,723	62,779	36,960	65,523	40,611	....	180	3,715	365,666	3,352,011	125	12	114	24	211	
.....	.....	11,172	650	425	....	305	22	11,822	.....	....	....	....	....	....	1
.....	.....	10,359	280	360	....	226	17	10,639	.....	....	....	....	....	....	2
.....	.....	8,929	.....	295	....	155	8	8,929	.....	....	....	....	....	....	3
.....	.....	6,110	1,324	245	....	254	9	7,434	.....	....	....	....	....	....	4
.....	.....	5,003	60	43	....	235	10	.....	5,063	1	....	....	....	....	5
.....	.....	1,700	.....	20	....	175	4	1,700	.....	....	....	....	....	....	6
.....	.....	1,600	.....	30	....	260	5	1,600	.....	....	....	....	....	....	7
.....	.....	1,350	150	50	....	160	4	1,500	.....	....	1	....	....	....	8
.....	.....	1,100	.....	26	....	187	4	1,100	.....	....	....	....	....	....	9
.....	.....	550	.....	.....	....	140	3	550	.....	....	....	....	....	....	10
.....	.....	272	.....	.....	....	45	3	272	.....	....	....	....	....	....	11
.....	.....	144	.....	.....	....	74	1	144	.....	....	....	....	....	....	12
.....	.....	48,289	2,464	1,494	....	185	90	45,690	5,063	1	1	....	....	....	
7,723	62,779	85,249	67,987	42,105	....	183	3,805	411,356	3,357,074	126	13	114	24	211	

MARION COUNTY,

Number.	Name of operator.	Post-office address of the mine.	Output of mines in tons.				Tons loaded on cars for shipment.
			Mine run.	Lump.	Other grades.	Total.	
	SHIPPING MINES.						
1	Marion County Coal Co.	Centralia	27,844	93,017	284,953	405,814	306,010
2	Chicago-Sandoval Coal Co., No. 2	Sandoval	11,170	94,990	132,688	238,848	143,043
3	Odin Coal Co.	Odin	103,426	58,910	60,711	223,047	208,908
4	Chicago-Sandoval Coal Co., No. 1	Sandoval	1,427	19,133	12,224	32,784	27,070
	Total—4 mines		143,867	266,050	490,576	900,493	685,031

Mines in 1915, 4. Mines in 1916, 4.

EIGHTH DISTRICT, 1916.

Disposition of output.				Kegs of powder used for blasting coal.	Pounds of permissible explosives used.	Days of active operation.	Total number employed.	Tons mined.		Mining machines—number in use.	Accidents.		Number of motors in use.	Number of animals under ground.	Number.
Tons supplied to locomotives at the mines.	Tons sold to railroad companies and loaded on cars.	Tons sold to local trade.	Tons consumed or wasted at the mines.					By hand.	By machine.		Killed.	Injured.			
.....	90,500	300	9,004	5,464	....	201	399	.....	405,814	17	1	18	3	30	1
.....	87,533	2,825	5,447	9,150	....	213	278	238,848	.....	....	1	7	3	22	2
.....	.....	3,284	10,855	2,192	....	241	251	.....	223,047	10	....	1	4	23	3
.....	1,805	2,681	1,228	1,532	....	73	118	32,784	.....	....	....	1	....	....	4
.....	179,838	9,090	26,534	18,338	....	182	1,046	271,632	628,861	27	2	27	10	75	

RECAPITULATION BY COUNTIES, EIGHTH DISTRICT, 1916.

	Bond.	Clinton.	Madison.	Marion.	Total.
Number of mines	1	4	22	4	31
Shipping	1	4	10	4	19
Local	.....	.....	12	.....	12
Production in tons	56,482	1,395,588	3,768,430	900,493	6,120,993
Shipping	56,482	1,395,588	3,717,677	900,493	6,070,240
Local	.....	.....	50,753	.....	50,753
Mine run	.....	255,957	662,655	143,867	1,062,479
Shipping	.....	255,957	638,162	143,867	1,037,986
Local	.....	.....	24,493	.....	24,493
Lump	11,296	606,907	1,535,743	266,050	2,419,996
Shipping	11,296	606,907	1,516,008	266,050	2,400,261
Local	.....	.....	19,735	.....	19,735
Other grades	45,186	532,724	1,570,032	490,576	2,638,518
Shipping	45,186	532,724	1,563,507	490,576	2,631,993
Local	.....	.....	6,525	.....	6.525
Disposition of output	56,482	1,395,588	3,768,430	900,493	6.120,993
Loaded on cars for shipment	48,546	1,015,655	3,544,692	685,031	5,293,924
Other purposes	7,936	379,933	223,738	215,462	827,069
Shipping	7,936	379,933	172,985	215,462	776,316
Local	.....	.....	50,753	.....	50,753
Kegs of powder used, blasting coal	2,876	13,645	42,105	18,338	76,964
Shipping	2,876	13,645	40,611	18,338	75,470
Local	.....	.....	1,494	.....	1,494
Days of active operation (average)	133	233	183	182	187
Shipping	133	233	183	182	189
Local	.....	.....	185	.....	185
Employees	99	1,239	3,805	1,046	6,189
Shipping	99	1,239	3,715	1,046	6,099
Local	.....	.....	90	.....	90
Under ground	89	1,121	3,502	947	5,659
Shipping	89	1,121	3,426	947	5,583
Local	.....	.....	76	.....	76
Above ground	10	118	303	99	530
Shipping	10	118	289	99	516
Local	.....	.....	14	.....	14
Tons mined by hand	56,482	.....	411,356	271,632	739,470
Shipping	56,482	.....	365,666	271,632	693,780
Local	.....	.....	45,690	.....	45,690
Tons mined by machine	.....	1,395,588	3,357,074	628,861	5,381,523
Shipping	.....	1,395,588	3,352,011	628,861	5,376,460
Local	.....	.....	5,063	.....	5,063
Number of machines in use	.....	41	126	27	194
Shipping	.....	41	125	27	193
Local	.....	.....	1	.....	1
Number of motors in use	.....	9	24	10	43

RECAPITULATION BY COUNTIES, EIGHTH DISTRICT, 1916—concluded.

	Bond.	Clinton.	Madison.	Marion.	Total.
Number killed	.....	3	13	2	18
Shipping	.....	3	12	2	17
Local	.....	.....	1	.....	1
Number injured	3	23	114	27	167
Shipping	3	23	114	27	167

Whole number of mines reported for 1915, 33.
Number of mines abandoned during the year, 2.
Whole number of mines reported for 1916, 31.

NINTH INSPECTION DISTRICT—1916.

County—St. Clair. William Hartman, *Inspector.*

Hon. J. F. Morris, Chief Clerk, State Mining Board, Springfield.

Sir: Complying with section 5 of the General Mining Law of Illinois, I submit herewith the annual report of the coal producing county of St. Clair.

Summary of the Items in the Report.

Number of counties producing coal	1
Number of shipping mines	37
Number of local mines	17
Number of new or reopened mines	6
Number of closed or abandoned mines	4
Number of miners	1,383
Others under ground, men	2,293
Boys under ground	58
Boys above ground	9
Others above ground	304
Total number of employees	4,047
Total tons of coal produced	3,315,650
Days of active operation, all mines	161
Kegs of powder used for blasting coal	58,047
Tons of coal shipped	2,797,399
Tons supplied to locomotives	115,995
Tons sold to railroad companies	106,500
Tons sold to local trade	170,132
Tons consumed and wasted at mines	125,624
Number of fatal accidents	6
Number of nonfatal accidents	44
Number of employees to each fatal accident	675
Number of employees to each nonfatal accident	92
Tons of coal produced to each fatal accident	552,608
Tons of coal produced to each nonfatal accident	75,356
Ratio of fatal accidents per 1,000 employees	1.48

Below is shown the total tonnage for the years 1915 and 1916, with increase:

County.	Total output—tons—1915.	Total output—tons—1916.	Increase.	Decrease.
St. Clair	3,012,693	3,315,650	302,957	.....

New Mines.

The following are the new or reopened mines: Columbia Coal Co.; Prairie Coal Co.; White Coal Co., Belleville; Egyptian Coal Mining Co., Marissa; Missouri and Illinois Coal Co., Rentchler; Wm. Pistor and Son, Millstadt.

Abandoned and Closed Mines.

Joseph Taylor, R. P. mine, O'Fallon; Silver Creek Valley Coal Co., Belleville; Edgemont Coal Co., East St. Louis; Pistor & Son, Millstadt.

Change of Name.

Joseph Taylor, Taylor mine to International Coal & Mining Co.; Joseph Taylor, St. Ellen mine to Fisher Fuel Co.; Cluly-Miller to H. E. Miller; Victoria Coal Co., Freeburg mine to New Freeburg Coal Co.; Forsyth Coal Co. to Dozow Valley Coal Co.; White Coal Co., Massie mine to Abend Coal Co.; Cooperative Coal Co. to Wm. C. Fullmer; McGouch & Kuntz to J. W. McGouch; Thos. J. Derr to Aug. C. Stalheber; Lippert Bros. to A. Marxer, Jr.

Mine Fires.

On November 5, 1915, the Southern Coal, Coke & Mining Company's fan house, at No. 4 mine, was completely destroyed by fire.

The fan house at the Dozow Valley Coal Company's mine at Marissa, was completely destroyed by fire on August 6, 1915.

Improvements.

The Southern Coal, Coke & Mining Company has made the following improvements: Four storage battery gathering motors, and a car haulage to elevate and transfer the empty cars around the shaft bottom, were installed at No. 8 mine. Another nine ton gasoline motor was added to the haulage equipment at No. 7 mine, and a fire proof fan house was put up to replace the one destroyed by fire at No. 4 mine.

The Abend Coal Company has added another fan to its ventilating equipment, is housed in a fire proof building and is located at the hoisting shaft of the Old Hortmann mine, which is connected with the Abend mine. The ventilating system now consists of two tandem fans, and the ventilation of this mine has been greatly improved.

A concrete fan house was put up to take the place of the one destroyed by fire at the Dozow Valley mine.

The following shafts were retimbered during the year: Main shaft, Valley mine; main shaft, Superior mine; main shaft, Prairie mine; main shaft, Summit mine; main shaft, Highland mine.

The Kolb Coal Company has erected a new steel tipple at No. 1 mine.

The Columbia Coal Company has installed an eight ton gasoline haulage motor at the Royal mine.

The St. Louis & O'Fallon Coal Company has put electric coal cutting machines in No. 2 mine to take the place of the air machines; the last work with the air machines was done April 1. This mine is now fully electrically equipped.

Fatal Accidents.

September 5, 1915, Ernest Abent, operator, age 46 years, married, was killed by falling down the shaft of the Abent Coal Company's mine, Swansea, St. Clair County. He leaves a widow.

October 27, 1915, William Bodman, miner, age 53 years, single, was killed by falling coal in No. 2 mine, St. Louis and O'Fallon Coal Company, East St. Louis, St. Clair County.

December 29, 1915, John Charlwood, miner, age 27 years, single, was killed in St. Louis and O'Fallon Coal Company's No. 2 mine, East St. Louis, St. Clair County, by falling slate.

January 17, 1916, Willerd Sells, driver, age 26 years, married, was killed in No. 2 mine, St. Louis and O'Fallon Coal Company by getting caught between pit car and coal rib. He leaves a widow and one child.

March 3, 1916, Ferdinant Utz, miner, age 20 years, single, died from injuries received by falling clod, February 14, in the mine of the Golden Rule Coal Company, Lenzberg, St. Clair County.

April 18, 1916, Frank Galbreath, miner, age 33 years, married, was killed by falling slate in St. Louis and O'Fallon Coal Company's No. 2 mine, East St. Louis, St. Clair County. He leaves a widow and five children.

Respectfully submitted,

WILLIAM HARTMAN,
State Inspector of Mines, Ninth District, Belleville, Ill.

FATAL CASUALTIES, NINTH DISTRICT, JUNE 30, 1916.

Date.	Name.	Age.	Occupation.	Residence.	Married.	Single.	Widow.	Children.	Dependents.	Cause of death.
1915										
Sept. 5	Ernst Abent	46	Operator	Belleville	1	..	1	..	1	Fell down shaft.
Oct. 27	William Bodman	53	Miner	..do	..	1	..	..	..	Falling coal.
Dec. 29	John Charlwood	27	..do	..do	..	1	..	..	..	Falling slate.
1916										
Jan. 17	Millerd Sells	26	Driver	Edgemont	1	..	1	1	2	Caught between rib and car.
Mar. 3	Ferdinand Utz	20	Miner	Lenzburg	..	1	..	..	..	Falling roof.
Apr. 18	Frank Galbreath	33	..do	Belleville	1	..	1	5	6	Falling slate.
	Total	..			3	3	3	6	9	

RECAPITULATION OF FATAL ACCIDENTS, NINTH DISTRICT, 1916.

Residence.	No.	Occupation.	No.	Cause of accident.	No.	Colliery.	No.
Belleville	4	Driver	1	Caught between pit car and coal rib	1	Abent Coal Co.	1
Edgemont	1	Miners	4	Falling coal	1	Golden Rule Coal Co.	1
Lenzburg	1	Operator	1	Falling roof	1	St. Louis & O'Fallon Coal Co.	4
				Falling slate	2		
				Fell down shaft	1		
Total	6		6		6		6

NONFATAL CASUALTIES, NINTH DISTRICT, JUNE 30, 1916.

Date.	Name.	Age.	Residence.	Married.	Single.	Children.	Dependents.	Character of injury and cause of accident.	Time lost—days.
1915									
July 15	John Hambelton	49	Belleville	1	..	4	5	Arm injured, falling rail	39
29	Paul Nast	30	Freeburg	1	..	6	7	Foot broken, pit cars	62
Aug. 4	A. D. Smith	42	Collinsville	..	1	..	..	Hand injured, pit cars	35
Sept. 20	Albert Stephens	38	..do	1	..	1	2	Hand injured, falling coal	30
Oct. 9	John Lubees	28	Belleville	..	1	..	..	Body injured, falling slate	30
13	Con. Brucks	39	..do	1	..	2	3	Finger broken, pit cars	71
15	Nick Falcette	44	..do	1	..	2	3	Leg injured, machine	43
15	John Fletcher	48	Collinsville	1	..	2	3	Arm injured, pit car	57
23	Geo. Corklin	50	Lebanon	1	..	6	4	Leg broken, falling slate	80
27	Louis Zopert	29	East St. Louis	1	..	2	3	Finger injured, pit car	42
Nov. 1	John Charlwood	25	Belleville	..	1	..	..	Body injured, falling coal	32
12	Conrad Armbruster	45	..do	1	..	2	3	Head injured, falling slate	30
10	Geo. Thompson	40	..do	1	..	3	4	Leg injured, falling slate	30
10	Walter Wild	23	Caseyville	..	1	..	..	Leg broken, falling slate	*
20	W. A. Schamel	24	..do	..	1	..	..	Foot injured, pit car	30
23	Charles Poe	28	Belleville	1	..	1	2	Body injured, pit cars	43
Dec. 1	Charley King	31	O'Fallon	..	1	..	..	Body injured, pit cars	36
22	Wm. Thompson	54	Belleville	1	..	2	1	Leg cut off, motor	*
27	Arthur Goolby	30	..do	1	..	1	2	Finger injured, pit cars	30
29	Thomas Walker	22	..do.	1	..	1	2	Arm injured, pit cars	42
30	Alfred Bosanke	65	..do	1	..	..	1	Foot injured, falling slate	45
1916									
Jan. 3	Jno. Taylor	35	..do	1	..	..	1	Leg injured, pit car	30
10	W. P. Green	42	Marissa	1	..	3	2	Leg broken, falling slate	130
10	Ed. Schmidt	22	Mascoutah	..	1	..	..	Leg broken, falling clod	90
27	C. Conklin	40	..do	1	..	1	2	Arm broken, pit car	*
29	Charles Thompson	20	Marissa	..	1	..	..	Body injured, thrown in hopper	60
31	Geo. Wieman	24	O'Fallon	..	1	..	..	Leg broken, pit car	100
31	Geo. Wittover	19	Belleville	..	1	..	..	Head injured, falling slate	30
Feb. 2	Wm. McLaughlin	45	French Village	1	..	..	1	Finger broken, struck roof	83
2	Joe Smith	37	Belleville	..	1	..	..	Finger injured, machine	30
16	Jno. Ruden	29	Collinsville	..	1	..	..	Body injured, pit cars	76
Mar. 1	Morriss Marchiando	52	..do	1	..	3	4	Body injured, falling clod	119
3	Lan Dove	41	Belleville	1	..	7	8	Toe broken, struck by rail	72
8	Hy Wessel	30	..do	..	1	..	..	Leg broken, falling slate	80
8	Wm. Meyer	45	..do	1	..	1	2	Shoulder injured, fell down	30
9	Anton Vogt	..	New Baden	..	1	..	..	Eye destroyed, struck by chisel	64
31	Earl Bryan	..	..do	..	1	..	..	Hand injured railroad cars	92
Apr. 19	Joe Daleo	45	Belleville	1	..	3	4	Leg injured, falling coal	61
26	Mark Williams	37	Marissa	1	..	2	3	Leg broken, falling slate	52
May 1	Eugene Cloud	19	Belleville	..	1	..	..	Finger injured, motor	31
12	Hy Schaefer	55	..do	1	..	3	4	Hand injured, falling slate	30
27	Fred Freschman	49	Collinsville	1	..	10	11	Finger injured, falling prop	39
28	Jacob Frey	52	Belleville	1	..	5	4	Leg broken, falling slate	*
June 8	J. Gasparate	21	Collinsville	..	1	..	..	Leg injured, pit cars	34
	Total	..		27	17	73	91		

* Not returned to work.

Number injured 44
Number not returned to work 4

Number returned 40

Time lost by men returned—days 2,140
Average days lost 53.50

RECAPITULATION OF NONFATAL ACCIDENTS, NINTH DISTRICT, 1916.

Residence.	No.	Occupation.	No.	Cause of accident.	No.	Colliery.	No.
Belleville	22	Cager	1	Falling clod	2	Consolidated Coal Co.	7
Caseyville	2	Drivers	11	Falling coal	3	Dozow Valley Coal Co.	1
Collinsville	7	Electrician	1	Falling prop	1	Jones Bros	2
East St. Louis	1	Laborers	6	Falling rail	2	Kolb Coal Co	2
Freeburg	1	Machine runners	6	Falling slate	12	Miller, H. E	1
French Village	1	Miners	17	Fell down	1	Muloerry Hill C. Co.	1
Lebanon	1	Trackman	1	Machine	2	Peoples Coal Co.	1
Marissa	3	Trip rider	1	Motor	2	St. L. & O'Fallon C. Co.	18
Mascoutah	2			Pit cars	15	Southern C., C. & M. Co.	5
New Baden	2			Railroad cars	1	Superior Coal Co.	5
O'Fallon	2			Struck by chisel	1	White Coal Co	1
				Struck roof	1		
				Thrown into hopper	1		
Total	44		44		44		44

RECAPITULATION OF NONFATAL CASUALTIES, NATURE OF INJURIES, CONJUGAL RELATIONS, AND TIME LOST, NINTH DISTRICT, 1916.

Nature of injuries.	Number.	Married.	Single.	Children.	Dependents.	Time lost—days.		Percentage of injuries.
						Total.	Average.	
Arm broken[1]	1	1		1	2			2.27
Arms injured	3	3		7	10	138	46.00	6.82
Bodies injured	7	2	5	4	6	396	56.57	15.91
Eye destroyed	1		1			64	64.00	2.27
Feet broken	1	1		6	7	62	62.00	2.27
Feet injured	2	1	1		1	75	37.50	4.55
Fingers broken	2	2		2	4	154	77.00	4.55
Fingers injured	5	3	2	13	16	172	34.40	11.36
Hands injured	4	2	2	4	6	187	46.75	9.09
Heads injured	2	1	1	2	3	60	30.00	4.55
Legs broken[2]	8	4	4	16	13	532	88.67	18.19
Leg cut off[1]	1	1		2	1			2.27
Legs injured	5	4	1	8	12	198	39.60	11.36
Shoulder injured	1	1		1	2	30	30.00	2.27
Toe broken	1	1		7	8	72	72.00	2.27
Total	44	27	17	73	91	2,140	53.50	100.00

[1] One not returned to work.
[2] Two not returned to work.

ST. CLAIR COUNTY,

	Name of operator.	Post-office address of the mine.	Output of mines in tons. Mine run.	Lump.	Other grades.	Total.	Tons loaded on cars for shipment.
	SHIPPING MINES.						
1	St. Louis & O'Fallon C. Co., No. 2	East St. Louis	163,678	307,819	278,731	750,228	725,082
2	Consolidated Coal Co., No. 17	Collinsville	902	251,591	115,432	367,925	322,812
3	Southern C. C. & M. Co., No. 8	Belleville	93,755	124,415	90,227	308,397	258,449
4	Southern C. C. & M. Co., No. 7	..do	79,343	61,427	42,288	183,058	119,755
5	Superior Coal & Mining Co., Superior	..do	92,213	.....	41,938	134,151	131,961
6	Kolb Coal Co., No. 2	Mascoutah	.....	26,222	104,895	131,117	127,826
7	Suburban Coal & Mining Co.	Belleville	68,663	.....	37,034	105,697	99,860
8	Victoria Coal Co.	..do	4,580	56,184	30,253	91,017	88,137
9	Kolb Coal Co., Fairbank	New Athens	.....	17,367	69,472	86,839	40,494
10	Mulberry Hill Coal Co., No. 1	Freeburg	2,000	53,800	27,200	83,000	78,800
11	Columbia Coal Co., Royal	Belleville	1,325	31,623	47,433	80,381	79,056
12	International C. M. Co., Carbon	O'Fallon	3,823	36,896	39,634	80,353	77,791
13	Star Coal Co., Star	Freeburg	20,000	33,915	26,420	80,335	72,915
14	Eldnar Coal Co.	Belleville	4,048	48,000	27,074	79,122	73,274
15	Northern Coal Co.	Millstadt	62,970	.....	.....	62,970	60,939
16	Golden Rule Coal Co.	Lenzburg	5,862	32,212	16,501	54,575	47,527
17	New National Coal & Mining Co.	Belleville	.....	31,959	21,304	53,263	34,183
18	Abend Coal Co., Massie	..do	4,067	32,381	7,014	43,462	30,996
19	Prairie Coal Co.	..do	181	23,583	16,633	40,397	38,111
20	Jones Bros. Coal & Min. Co., No. 1	Marissa	1,500	21,837	15,360	38,697	33,469
21	Egyptian Coal Mining Co., Meek	..do	36,428	.....	.....	36,428	35,388
22	H. E. Miller, Ruby	Caseyville	22,660	5,790	4,408	32,858	31,410
23	Dozow Valley Coal Co.	Marissa	.....	19,910	12,150	32,060	29,500
24	Pittsburg Mining Co.	Belleville	.....	22,808	8,965	31,773	14,640
25	New Freeburg Coal Co., Famous	..do	1,560	17,490	9,590	28,640	27,080
26	Highland Coal Co.	..do	.....	17,133	6,839	23,972	6,055
27	Oakdale Coal & Mining Co.	..do	.....	15,638	7,783	23,421	21,201
28	Fisher Fuel Co., St. Ellen	O'Fallon	.....	11,035	7,991	19,026	18,273
29	Groom Coal Co., Richland	Belleville	18,737	.....	.....	18,737	14,211
30	Peoples Coal Co.	Lebanon	.....	12,000	6,000	18,000	9,000
31	White Coal Co., Valley	Belleville	.....	5,630	8,446	14,076	13,650
32	Fullerton Coal Co.	..do	1,130	9,173	3,191	13,494	12,919
33	Reeb Coal Co., Murphy	..do	12,105	.....	.....	12,105	7,038
34	Summit Coal & Mining Co.	..do	620	3,721	2,145	6,486	6,261
35	Mo. & Ill. Coal Co., Rentchler	Rentchler	.....	4,075	2,308	6,383	5,583
36	Southern C. C. & M. Co., No. 5	Belleville	5,205	.....	123	5,328	164
37	International C. & M. Co., Taylor	O'Fallon	45	2,170	1,789	4,004	3,609
	Total		707,400	1,337,804	1,136,571	3,181,775	2,797,399
	LOCAL MINES.						
1	Kolb Coal Co., No. 1	Mascoutah	62,906	.....	.....	62,906	.....
2	R. Schramm & Son	Belleville	4,000	6,024	2,005	12,029	.....
3	William Lattman	..do	9,617	.....	.....	9,617	.....
4	Tower Grove Coal & Ice Co.	..do	8,903	.....	.....	8,903	.....
5	John T. Beatty	Mascoutah	7,548	.....	.....	7,548	.....
6	Bretz & Schilling	Belleville	2,050	4,050	1,400	7,500	.....
7	Wm. C. Fullmer	New Athens	4,498	.....	.....	4,498	.....
8	J. W. McGough	Marissa	.....	3,200	800	4,000	.....
9	A. J. Marxer	Millstadt	.....	3,232	.....	3,232	.....
10	A. Gundlach	Belleville	3,126	.....	.....	3,126	.....
11	Fred Quirin & Son	Smithton	.....	2,037	509	2,546	.....
12	Pistor & Son	Millstadt	.....	2,285	.....	2,285	.....
13	Diamond Joe Coal Co.	..do	.....	1,556	.....	1,556	.....
14	Aug. C. Stalheber	Freeburg	.....	1,288	53	1,341	.....
15	Muller & Buxton	..do	.....	1,262	.....	1,262	.....
16	Fred J. Zeska	East Edgemont Station	900	.....	.....	900	.....
17	A. Rosanko	Belleville	626	.....	.....	626	.....
	Total		104,174	24,934	4,767	133,875	.....
	Total—54 mines		811,574	1,362,738	1,141,338	3,315,650	2,797,399

Mines in 1915, 52. New mines, 6. Abandoned mines, 4. Mines in 1916, 54.

NINTH DISTRICT, 1916.

Disposition of output.				Kegs of powder used for blasting coal.	Pounds of permissible explosives used.	Days of active operation.	Total number employed.	Tons mined.		Mining machines—number in use.	Accidents.		Number of motors in use.	Number of animals under ground.	Number.
Tons supplied to locomotives at the mines.	Tons sold to railroad companies and loaded on cars.	Tons sold to local trade.	Tons consumed or wasted at the mine.					By hand.	By machine.		Killed.	Injured.			
8,184	.....	.....	16,962	8,204	....	200	616	54,481	695,747	36	4	18	5	30	1
.....	.....	.....	45,113	2,5 3	....	143	374	.....	367,925	32	....	7	4	33	2
1,154	42,002	.....	6,792	2,954	....	140	398	.....	308,397	12	....	3	3	19	3
.....	56,063	.....	7,260	2,070	....	119	270	.....	183,058	22	....	2	2	17	4
.....	.....	.....	2,190	1,147	....	176	112	.....	134,151	10	....	5	1	9	5
.....	.....	.....	3,291	6,018	....	138	149	131,117	.....	....	....	2	2	5	6
.....	.....	3,741	2,096	3,500	25	158	115	105,697	.....	....	....	....	1	8	7
.....	.....	1,400	1,480	1,009	....	242	75	.....	91,017	6	....	....	2	4	8
43,428	.....	.....	2,917	2,281	....	121	88	86,839	.....	....	....	....	2	5	9
.....	.....	3,000	1,200	1,040	....	138	88	.....	83,000	4	....	1	....	7	10
.....	.....	45	1,280	741	....	179	82	.....	80,381	7	....	....	1	4	11
.....	.....	762	1,800	915	....	158	78	.....	80,353	4	....	....	1	4	12
.....	.....	5,640	1,780	722	....	196	65	.....	80,335	6	....	....	....	5	13
86	3,962	.....	1,800	1,117	....	181	80	15,772	63,350	5	....	....	....	4	14
2,031	.....	.....	.....	110	....	130	42	62,970	.....	....	....	....	2	....	15
.....	2,669	2,934	1,445	2,151	....	131	65	54,575	.....	....	1	....	....	4	16
.....	.....	18,000	1,080	1,560	20	248	39	53,263	.....	....	....	....	....	3	17
.....	.....	9,019	3,447	1,486	....	202	57	43,462	.....	....	1	....	....	5	18
181	1,804	.....	301	1,554	....	37	169	40,397	.....	....	....	....	....	14	19
.....	.....	4,228	1,000	1,451	....	88	78	38,697	.....	....	....	2	....	5	20
.....	.....	.....	1,040	551	....	141	75	.....	36,428	5	....	....	....	4	21
.....	.....	.....	1,448	1,250	....	132	49	32,858	.....	....	....	1	....	4	22
.....	.....	1,240	1,320	1,580	....	186	41	32,060	.....	....	....	1	1	3	23
.....	.....	15,273	1,860	992	....	164	39	31,773	.....	....	....	....	....	3	24
.....	.....	875	685	954	....	201	33	28,640	.....	....	....	....	....	4	25
1,015	.....	13,018	3,884	799	....	211	30	23,972	.....	....	....	....	....	5	26
.....	.....	1,220	1,000	957	....	120	22	23,421	.....	....	....	....	1	1	27
78	.....	20	655	670	....	19	208	19,026	.....	....	....	....	1	10	28
3,956	.....	150	420	375	....	199	36	18,737	.....	....	....	....	1	2	29
.....	.....	7,000	2,000	175	....	174	29	.....	18,000	4	....	1	....	3	30
.....	.....	.....	426	460	....	70	30	14,076	.....	....	....	1	....	3	31
.....	.....	304	271	498	....	68	35	13,494	.....	....	....	....	....	3	32
.....	.....	5,067	.....	407	....	187	12	12,105	.....	....	....	....	....	1	33
11	.....	43	171	253	....	56	27	6,486	.....	....	....	....	....	3	34
.....	.....	50	750	260	....	50	40	6,383	.....	....	....	....	1	2	35
.....	.....	5,041	123	207	....	126	13	5,328	.....	....	....	....	....	1	36
.....	.....	.....	395	135	....	9	85	4,004	.....	....	....	....	1	7	37
60,124	106,500	98,070	119,682	53,066	45	142	3,844	959,633	2,222,142	153	6	44	32	244	
55,871	.....	4,165	2,870	2,501	....	366	81	62,906	.....	....	....	....	....	....	1
.....	.....	12,029	.....	600	....	266	13	12,029	.....	....	....	....	....	....	2
.....	.....	9,617	.....	300	....	120	18	9,617	.....	....	....	....	....	....	3
.....	.....	8,318	585	262	....	215	20	8,903	.....	....	....	....	....	....	4
.....	.....	7,001	547	353	....	248	8	7,548	.....	....	....	....	....	....	5
.....	.....	7,000	500	197	....	210	10	7,500	.....	....	....	....	....	....	6
.....	.....	4,336	162	206	....	198	7	4,498	.....	....	....	....	....	....	7
.....	.....	3,600	400	140	....	250	3	4,000	.....	....	....	....	....	....	8
.....	.....	3,084	148	.....	....	251	10	3,232	.....	....	....	....	....	....	9
.....	.....	3,000	126	120	....	110	5	3,126	.....	....	....	....	....	....	10
.....	.....	2,037	509	65	....	260	3	2,546	.....	....	....	....	....	....	11
.....	.....	2,285	.....	.....	....	180	9	2,285	.....	....	....	....	....	....	12
.....	.....	1,556	.....	.....	....	90	7	1,556	.....	....	....	....	....	....	13
.....	.....	1,266	75	47	....	200	2	1,341	.....	....	....	....	....	....	14
.....	.....	1,262	.....	156	....	145	4	1,262	.....	....	....	....	....	....	15
.....	.....	900	.....	24	....	200	1	900	.....	....	....	....	....	....	16
.....	.....	606	20	10	....	150	2	626	.....	....	....	....	....	....	17
55,871	.....	72,062	5,942	4,981	....	204	203	133,875	.....	....	....	....	....	....	
115,995	106,500	170,132	125,624	58,047	45	161	4,047	1,093,508	2,222,142	153	6	44	32	244	

RECAPITULATION, NINTH DISTRICT, 1916.

	St. Clair.		St. Clair.
Number of mines	54	Employees	4,047
Shipping	37	Shipping	3,844
Local	17	Local	203
Production in tons	3,315,650	Under ground	3,734
Shipping	3,181,775	Shipping	3,559
Local	133,875	Local	175
Mine run	811,574	Above ground	313
Shipping	707,400	Shipping	285
Local	104,174	Local	28
Lump	1,362,738	Tons mined by hand	1,093,508
Shipping	1,337,804	Shipping	959,633
Local	24,934	Local	133,875
Other grades	1,141,338	Tons mined by machine	2,222,142
Shipping	1,136,571	Shipping	2,222,142
Local	4,767		
Disposition of output	3,315,650	Number of machines in use	153
Loaded on cars for shipment	2,797,399	Shipping	153
Other purposes	518,251	Number of motors in use	32
Shipping	384,376	Number killed	6
Local	133,875	Shipping	6
Kegs of powder used, blasting coal	58,047	Number injured	44
Shipping	53,066	Shipping	44
Local	4,981		
Days of active operation (average)	161		
Shipping	142		
Local	204		

Whole number of mines reported for 1915, 52.
Number of new mines opened during the year, 6.
Number of mines abandoned during the year, 4.
Whole number of mines reported for 1916, 54.

TENTH INSPECTION DISTRICT—1916.

COUNTIES—JACKSON, PERRY, RANDOLPH AND WASHINGTON.
JOHN MCCLINTOCK, *Inspector.*

Hon. J. F. Morris, Chief Clerk, State Mining Board, Springfield.

SIR: Complying with section 5 of the General Mining Law of Illinois, I submit herewith the annual report of the coal producing counties of Jackson, Perry, Randolph and Washington.

SUMMARY OF THE ITEMS IN THE REPORT.

Number of counties producing coal	4
Number of shipping mines	27
Number of local mines	31
Number of new or reopened mines	15
Number of closed or abandoned mines	3
Number of miners	2,066
Others under ground, men	2,692
Boys under ground	131
Boys above ground	2
Others above ground	437
Total number of employees	5,330
Total tons of coal produced	4,860,831
Days of active operation, all mines	160
Kegs of powder used for blasting coal	101,620
Tons of coal shipped	3,145,533
Tons supplied to locomotives	131,317
Tons sold to railroad companies	1,309,603
Tons sold to local trade	157,202
Tons consumed and wasted at mines	117,176
Number of fatal accidents	8
Number of nonfatal accidents	36
Number of employees to each fatal accident	666
Number of employees to each nonfatal accident	148
Tons of coal produced to each fatal accident	607,604
Tons of coal produced to each nonfatal accident	135,023
Ratio of fatal accidents per 1,000 employees	1.50

The following table gives the total tonnage by counties, for the years 1915 and 1916, with increase or decrease:

Counties.	Total output—tons—1915.	Total output—tons—1916.	Increase.	Decrease.
Jackson	622,318	821,121	198,803	.....
Perry	2,173,834	2,509,016	335,182	.....
Randolph	875,124	924,480	49,356	.....
Washington	458,692	606,214	147,522	.....
Jefferson	19,646	.....	.....	19,646
Total	4,149,614	4,860,831	730,863	19,646
Net	.....	.....	711,217	.....

New and Reopened Mines.

Jackson County.—Clark and Shoppell, Buck York, B. F. Dilliner, Carbondale; J. B. Schimpf No. 2, T. A. Nesbet, Ava; E. H. Birkner, Oraville.

Perry County.—Charles House, St. John; Dry and Revelle, Duquoin; Collier Coal Co., Tamaroa.

Randolph County.—Tilden Coal Co., Crystal and Tilden mines, Tilden; Wilson Bros., No. 7, Boyle Coal Co., Sparta; Crain Bros. Coal Co., Percy.

Washington County.—Kuhn Coal Co., Dubois.

Closed and Abandoned Mines.

Jackson County.—Thomas Wise & Son.

Perry County.—Duquoin Operating Co.

Jefferson County.—Mt. Vernon Coal Co.

Change of Name.

A. C. Bowlen to Bowlen Bros.; John Rich Coal Co. to Frank Mason; W. R. Campbell to B. A. Schimpf; Morgan and Williams to Legrand and Son; Syndicate Mining Co. to John A. Rury; Boyd Coal Co. to Wilson Coal Co.

Improvements.

The Big Muddy Coal and Iron Company has installed at No. 10 mine, one generator and building, two 8½ feet under cut long wall electric chain machines, two boilers 72 inches by 16 feet, seventy 4-inch flues, and two track scales.

Nicholson Brothers Coal Company has installed a 150-horsepower boiler.

The Granger Coal Company has built a new fan house of concrete and steel.

The Randolph County Coal Company has erected a steel tipple and shakers.

The Jones Brothers Coal Company, Tilden, has added a new gasoline motor to their equipment.

The Illinois Fuel Company has installed one new 150 horsepower tubular boiler, 72 inches by 20 feet, twenty 6-inch flues.

The Jackson Coal Company has installed two 150 horsepower return tubular boilers; one 35 kilowatt, 250 volt D. C. generator with vertical engine to drive new electric pump; one fan, 3½ by 6½ feet, at hoisting shaft; one continuous elevator and roller screen complete for rescreening egg coal; put in lowering chutes and loading boom for hand pickers, and placed two new 100-ton capacity scales under tipple.

Fatal Accidents.

September 18, 1915, Charles Phieffer, driver, age 49 years, single, was killed by pit cars in Willis Coal Mining Company's No. 1 mine, Willisville, Perry County. Deceased was coupling his cars when his trip was struck by another one catching and crushing his head.

December 29, 1915, Pete Wier, miner, age 50 years, single, was killed by a fall of coal in the Tilden Coal Company's Crystal mine, Tilden, Randolph County.

March 16, 1916, Frank Ellis, laborer, age 30 years, married, was killed by an explosion of a keg of powder in Paradise Coal Company's mine, Duquoin, Perry County. He leaves a widow and one child.

March 16, 1916, John Kranuch, laborer, age 27 years, single, was killed by an explosion of a keg of powder in Paradise Coal Company's mine, Duquoin, Perry County.

April 11, 1916, James Glenn, miner, age 50 years, married, was killed by a shot explosion in Moffat Coal Company's mine, Sparta, Randolph County. He leaves a widow and four children, none of whom are dependent.

April 11, 1916, James Haynes, miner, age 50 years, married, was killed by a shot explosion in Moffat Coal Company's mine, Sparta, Randolph County. Deceased had lighted two shots, one of which exploded and thinking the other had gone out, returned to the face of the room, when it exploded resulting in his death. He leaves a widow.

June 6, 1916, William Gruber, miner, age 62 years, married, was killed by a fall of rock in Granger Coal Company's mine, Winkle, Perry County. He leaves a widow and five children.

June 17, 1916, Martin Qualls, miner, age 55 years, married, was struck by a motor in Paradise Coal Company's mine, Duquoin, Perry County. Deceased was walking in the entry when he was struck by the motor and his leg crushed off, causing his death. He leaves a widow.

Respectfully submitted,

JOHN MCCLINTOCK,
State Inspector of Mines, Tenth District, Murphysboro, Ill.

FATAL CASUALTIES, TENTH DISTRICT, JUNE 30, 1916.

Date.	Name.	Age.	Occupation.	Residence.	Married.	Single.	Widow.	Children.	Dependents.	Cause of death.
1915										
Sept. 18	Chas. Phieffer	49	Driver	Willisville	..	1	..	..	..	Pit car.
Dec. 29	Pete Wier	50	Miner	Tilden	..	1	..	..	..	Falling coal.
1916										
Mar. 16	Frank Ellis	30	Laborer	Duquoin	1	..	1	1	2	Powder explosion.
16	John Kraunch	27	..do	Tamaroa	..	1	..	..	..	Powder explosion.
Apr. 11	James Glenn	50	Miner	Sparta	1	..	1	4	1	Shot explosion.
11	James Haynes	50	..do	..do	1	..	1	..	1	Shot explosion.
June 6	William Gruber	62	..do	Winkle	1	..	1	5	1	Falling rock.
17	Martin Qualls	55	..do	Duquoin	1	..	1	..	1	Motor.
	Total	..			5	3	5	10	6	

RECAPITULATION OF FATAL ACCIDENTS, TENTH DISTRICT, 1916.

Residence.	No.	Occupation.	No.	Cause of accident.	No.	Colliery.	No.
Duquoin	2	Driver	1	Falling coal	1	Granger Coal Co.	1
Sparta	2	Laborers	2	Falling rock	1	Moffat Coal Co.	2
Tamaroa	1	Miners	5	Motor	1	Paradise Coal Co.	3
Tilden	1			Pit cars	1	Tilden Coal Co.	1
Willisville	1			Powder explosion	2	Willis C. & M. Co.	1
Winkle	1			Shot explosion	2		
Total	8		8		8		8

NONFATAL CASUALTIES, TENTH DISTRICT, JUNE 30, 1916.

Date.	Name.	Age.	Residence.	Married.	Single.	Children.	Dependents.	Character of injury and cause of accident.	Time lost—days.
1915									
July 8	Richard Clark	25	Duquoin	1	..	..	..	Foot broken, pit car	92
12	Harvey Manning	24	..do	..	1	..	..	Body injured, pit car	52
Aug. 24	Joe Illicartic	23	..do	..	1	..	..	Body injured, falling slate	73
29	I. H. Pais	42	Willisville	1	..	3	4	Foot injured, falling pipe	120
Sept. 14	Joe Fiandoco	24	Duquoin	..	1	..	..	Finger injured, pit car	75
18	Frank Voelker	22	..do	..	1	..	..	Collar bone broken, pit car	44
Oct. 15	Mike Shea	33	..do	..	1	..	..	Leg injured, kicked by mule	150
16	Ferd Weihn	27	..do	1	..	1	2	Body injured, falling slate	30
Nov. 15	Robt. Morgan	29	..do	1	..	..	1	Leg broken, not stated	60
16	Effie Bonner	35	..do	1	..	..	1	Leg injured, pit car	44
20	Harry Broomfield	29	Willisville	1	..	2	3	Collar bone broken, pit car	60
30	Luther Maiden	..	Duquoin	1	..	1	2	Rib broken, trap door	33
Dec. 7	Geo. Vickers	24	..do	..	1	..	..	Head injured, by mule	30
13	Jasper Clemmons	57	Nashville	1	..	..	2	Foot broken, falling rock	90
1916									
Jan. 3	Joe Wenzil	38	Duquoin	1	..	5	6	Rib broken, not stated	100
15	Martin Anderson	33	..do	..	1	..	..	Arm broken, pit car	45
20	Wm. Brown	61	Tilden	1	..	4	1	Body injured, falling rock	60
20	Adam Oestreicher	47	Duquoin	1	..	3	4	Leg broken, not stated	70
Feb. 1	Herman Schmidt	38	..do	1	..	..	1	Foot broken, falling wheel	75
11	Hugh Courtney	74	Cutler	1	..	3	1	Leg injured, falling slate	40
19	Peter Hilmer	31	Duquoin	1	..	..	1	Foot injured, falling rock	33
28	Geo. Kreme	60	Sunfield	..	1	..	..	Leg broken, falling slate	90
Mar. 1	Henry Pessina	39	Murphysboro	1	..	3	4	Collar bone broken, pit car	40
12	Don. Messina	30	Duquoin	..	1	..	..	Body injured, falling coal	60
12	August Hemerman	25	..do	..	1	..	..	Eye injured, not stated	30
17	William Smith	16	..do	..	1	..	..	Ribs broken, falling coal	30
Apr. 21	Lew Welshans	48	Percy	1	..	..	1	Collar bone broken, falling rock	94
May 1	Nary Sharp	26	Duquoin	..	1	..	..	Arm broken, falling coal	40
17	Albert Allston	27	..do	..	1	..	..	Arm injured, struck cage	70
17	Emil Oesleaholy	35	Centralia	1	..	1	2	Body injured, falling slate	93
17	G. W. Tucker	37	..do	1	..	..	1	Leg broken, falling slate	90
19	D. G. Kelley	37	Sparta	1	..	6	7	Foot broken, falling slate	98
27	Nathan D. Banks	65	Duquoin	1	..	2	3	Collar bone broken, pit car	60
June 1	Marcellus Sharp	26	..do	1	..	..	1	Foot injured, tail chain	39
15	Herbert Monghton	24	Sparta	..	1	..	..	Body injured, falling slate	46
19	Sim Griffiths	18	Willisville	..	1	..	..	Hands injured, pit car	36
	Total	..		21	15	34	48		

Number injured, 36.
Time lost—days, 2,292.
Average days lost, 63.67.

RECAPITULATION OF NONFATAL ACCIDENTS, TENTH DISTRICT, 1916.

Residence.	No.	Occupation.	No.	Cause of accident.	No.	Colliery.	No.
Centralia	2	Drivers	6	Falling coal	3	Bailey Bros	1
Cutler	1	Foreman	1	Falling pipe	1	Big Muddy C. & I. Co.	1
Duquoin	23	Hoisting engineer	1	Falling rock	4	Centralia Coal Co.	2
Murphysboro	1	Laborers	5	Falling slate	8	Illinois Fuel Co.	2
Nashville	1	Loaders	4	Falling wheel	1	Majestic Coal Co.	12
Percy	1	Machine runners	3	Kicked by mule	2	Nicholson Bros.	1
Sparta	2	Miners	11	Pit car	10	Security C. & M. Co.	11
Sunfield	1	Timberman	1	Struck cage	1	Tilden Coal Co.	1
Tilden	1	Trackmen	2	Tail chain	1	Willis Coal Mining Co.	4
Willisville	3	Trapper	1	Trap door	1	Wilson Coal Co	1
		Trip rider	1	Not stated	4		
Total	36		36		36		36

RECAPITULATION OF NONFATAL CASUALTIES, NATURE OF INJURIES, CONJUGAL RELATIONS, AND TIME LOST, TENTH DISTRICT, 1916.

Nature of injuries.	Number.	Married.	Single.	Children.	Dependents.	Time lost—days.		Percentage of injuries.
						Total.	Average.	
Arms broken	2	.....	2	.....	.....	85	42.50	5.56
Arm injured	1	.....	1	.....	.....	70	70.00	2.78
Bodies injured	7	3	4	6	5	414	59.14	19.44
Collar bones broken	5	4	1	7	11	298	59.60	13.89
Eye injured	1	.....	1	.....	.....	30	30.00	2.78
Feet broken	4	4	.....	6	10	75	75.00	2.78
Feet injured	3	3	.....	3	6	355	88.75	11.11
Finger injured	1	.....	1	.....	.....	192	64.00	8.33
Hand injured	1	.....	1	.....	.....	36	36.00	2.78
Head injured	1	.....	1	.....	.....	30	30.00	2.78
Legs broken	4	3	1	3	6	310	77.50	11.11
Legs injured	3	2	1	3	2	234	78.00	8.33
Ribs broken	3	2	1	6	8	163	54.33	8.33
Total	36	21	15	34	48	2,292	63.67	100.00

JACKSON COUNTY,

Number.	Name of operator.	Post-office address of the mine.	Output of mines in tons. Mine run.	Lump.	Other grades.	Total.	Tons loaded on cars for shipment.
	SHIPPING MINES.						
1	Big Muddy C. & I. Co., No. 9	Murphysboro	14,965	178,333	141,620	334,918	324,273
2	Jackson Coal Co., M. Valley	Hallidayboro	46,838	64,660	160,222	271,720	148,567
3	Gartside Coal Co., No. 4	Murphysboro	12,678	37,984	25,323	75,985	50,537
4	Gus Blair Big Muddy C. Co., No. 2	do	719	40,838	28,725	70,282	55,181
5	Big Muddy C. & I. Co., No. 10	do	225	14,692	16,225	31,142	29,066
6	DeSoto-Peacock Coal Co., No. 1	DeSoto	.....	18,540	3,060	21,600	18,340
	Total		75,425	355,047	375,175	805,647	625,964
	LOCAL MINES.						
1	H. S. Phillips	Carbondale	.....	2,000	1,000	3,000	.....
2	Geo. W. Patrick	do	.....	1,300	1,700	3,000	.....
3	Frank Mason	do	.....	1,000	600	1,600	.....
4	Geo. Wahlman	Campbell Hill	.....	1,391	.....	1,391	.....
5	W. F. Johnson	Ava	50	1,200	5	1,255	.....
6	Clark & Shoppell	Carbondale	1,200	.....	.....	1,200	.....
7	Buck York	do	.....	400	800	1,200	.....
8	Bowlen Bros	DeSoto	130	300	240	670	.....
9	J. B. Schimpf	Vergennes	.....	600	.....	600	.....
10	B. A. Schimpf	do	560	.....	.....	560	.....
11	W. R. Campbell	Matthews	.....	467	.....	467	.....
12	J. B. Schimpf, No. 2	Ava	.....	400	.....	400	.....
13	E. H. Birkner	Oraville	.....	64	15	79	.....
14	T. A. Nisbet	Ava	.....	40	.....	40	.....
15	B. F. Dilliner	Carbondale	.....	5	7	12	.....
	Total		1,940	9,167	4,367	15,474	.....
	Total—21 mines		77,365	364,214	379,542	821,121	625,964

Mines in 1915, 16. New mines, 6. Abandoned mines, 1. Mines in 1916, 21.

PERRY COUNTY,

Number.	Name of operator.	Post-office address of the mine.	Mine run.	Lump.	Other grades.	Total.	Tons loaded on cars for shipment.
	SHIPPING MINES.						
1	Majestic Coal & Coke Co.	Duquoin	188,990	283,845	192,332	665,167	431,934
2	Security Coal & Mining Co., No. 1	do	15,577	145,046	491,548	652,171	645,312
3	Paradise Coal Co	do	60,130	127,843	312,322	500,295	406,057
4	Willis Coal & Mining Co., No. 1	Willisville	240,662	13,169	4,144	257,975	10,338
5	Ritchey Coal Co., No. 1	Pinckneyville	155,971	.....	.....	155,971	.....
6	Granger Coal Co	Craig	8,823	49,628	51,838	110,289	99,337
7	St. L. & Coulterville C. Co., E. M.	Coulterville	74,261	.....	.....	74,261	74,253
8	Wilson Coal Co	Cutler	21,367	9,008	5,335	35,710	26,730
9	Soper Coal Co	do	2,000	9,000	3,132	14,132	11,800
10	Colher Coal Co	Tamaroa	212	8,117	5,013	13,342	9,279
11	Bailey Bros. Coal Co., Diamond	Sunfield	330	4,570	6,919	11,819	10,230
	Total		768,323	650,226	1,072,583	2,491,132	1,725,270
	LOCAL MINES.						
1	Montgomery Coal Co	Pinckneyville	4,619	2,637	1,000	8,256	.....
2	Greenwood Davis Coal Co	Duquoin	3,000	.....	.....	3,000	.....
3	Schneider Coal Co	Pinckneyville	250	1,533	1,126	2,909	.....
4	Hale Coal Co	do	.....	1,200	1,017	2,217	.....
5	New Moon Mining Co	Duquoin	588	.....	.....	588	.....
6	Chas. House	St. Johns	360	.....	.....	360	.....
7	Legrand & Son	Duquoin	20	200	120	340	.....
8	Dry & Revelle	do	.....	154	60	214	.....
	Total		8,837	5,724	3,323	17,884	.....
	Total—19 mines		777,160	655,950	1,075,906	2,509,016	1,725,270

Mines in 1915, 17. New mines, 3. Abandoned mines, 1. Mines in 1916, 19.

TENTH DISTRICT, 1916.

Disposition of output.				Kegs of powder used for blasting coal.	Pounds of permissible explosives used.	Days of active operation.	Total number employed.	Tons mined.		Mining machines—number in use.	Accidents.		Number of motors in use.	Number of animals under ground.	Number.
Tons supplied to locomotives at the mines.	Tons sold to railroad companies and loaded on cars.	Tons sold to local trade.	Tons consumed or wasted at the mines.					By hand.	By machine.		Killed.	Injured.			
.....	.....	.....	10,645	3,008	....	214	279	.....	334,918	9	....	1	2	26	1
43,689	42,894	4,830	31,740	10,065	....	208	320	271,720	.....	....	....	....	....	23	2
.....	.....	18,878	6,570	678	....	195	100	7,123	68,862	7	....	....	....	16	3
.....	.....	11,501	3,600	638	....	218	83	4,657	65,625	8	....	....	....	8	4
.....	.....	.....	2,076	230	....	132	108	.....	31,142	2	....	....	....	2	5
.....	.....	2,200	1,060	680	....	257	29	21,600	.....	....	....	....	....	....	6
43,689	42,894	37,409	55,691	15,299	....	204	919	305,100	500,547	26	....	1	2	75	
.....	.....	3,000	.....	150	....	175	5	3,000	.....	....	....	....	....	....	1
.....	.....	2,400	600	200	....	200	5	3,000	.....	....	....	....	....	....	2
.....	.....	1,600	.....	150	....	175	3	1,600	.....	....	....	....	....	....	3
.....	.....	1,391	.....	90	....	196	3	1,391	.....	....	....	....	....	....	4
.....	.....	1,250	5	45	....	105	9	1,255	.....	....	....	....	....	....	5
.....	.....	1,200	.....	100	....	150	9	1,200	.....	....	....	....	....	....	6
.....	.....	1,200	.....	.....	....	160	3	1,200	.....	....	....	....	....	....	7
.....	.....	620	50	70	....	125	4	670	.....	....	....	....	....	....	8
.....	.....	600	.....	35	....	150	6	600	.....	....	....	....	....	....	9
.....	.....	560	.....	28	....	75	2	560	.....	....	....	....	....	....	10
.....	.....	467	.....	25	....	150	3	467	.....	....	....	....	....	....	11
.....	.....	400	.....	20	....	125	5	400	.....	....	....	....	....	....	12
.....	.....	54	25	9	....	30	5	79	.....	....	....	....	....	....	13
.....	.....	40	.....	3	....	10	1	40	.....	....	....	....	....	....	14
.....	.....	12	.....	16	....	80	2	12	.....	....	....	....	....	....	15
.....	.....	14,794	680	941	....	127	65	15,474	.....	....	....	....	....	....	
43,689	42,894	52,203	56,371	16,240	....	149	984	320,574	500,547	26	....	1	2	75	

TENTH DISTRICT, 1916.

.....	233,233	.....	.....	10,494	....	253	643	110,930	554,237	16	....	12	7	28	1
.....	.....	611	6,248	7,525	....	229	545	.....	652,171	11	....	11	10	35	2
35,584	45,535	4,619	8,500	6,517	....	247	477	102,075	398,220	13	3	....	7	26	3
.....	235,493	1,239	10,905	2,198	....	206	284	.....	257,975	12	1	3	3	19	4
27,273	123,980	2,503	2,215	5,191	....	242	169	155,971	.....	....	....	....	....	7	5
.....	912	3,653	6,387	3,981	....	258	94	110,289	.....	....	1	....	....	8	6
.....	.....	.....	8	2,834	....	118	118	74,261	.....	....	....	....	1	7	7
6,328	.....	1,444	1,208	1,203	....	229	29	35,710	.....	....	....	1	....	2	8
.....	1,200	500	632	500	....	158	37	14,132	.....	....	....	....	....	2	9
.....	.....	3,800	263	530	....	60	59	13,342	.....	....	....	....	....	4	10
.....	.....	1,089	500	526	....	125	28	11,819	.....	....	....	1	....	4	11
69,185	640,353	19,458	36,866	41,499	....	193	2,483	628,529	1,862,603	52	5	28	28	142	
.....	.....	7,956	300	403	....	200	10	8,256	.....	....	....	....	....	....	1
.....	.....	3,000	.....	.....	....	125	2	3,000	.....	....	....	....	....	....	2
.....	.....	2,352	557	93	....	120	6	2,909	.....	....	....	....	....	....	3
.....	.....	2,017	200	75	....	200	4	2,217	.....	....	....	....	....	....	4
.....	.....	540	48	8	....	50	3	588	.....	....	....	....	....	....	5
.....	.....	360	.....	12	....	50	3	360	.....	....	....	....	....	....	6
.....	.....	340	.....	12	....	210	3	340	.....	....	....	....	....	....	7
.....	.....	211	3	6	....	55	2	214	.....	....	....	....	....	....	8
.....	.....	16,776	1,108	609	....	138	33	17,884	.....	....	....	....	....	....	
69,185	640,353	36,234	37,974	42,108	....	170	2,516	646,413	1,862,603	52	5	28	28	142	

RANDOLPH COUNTY,

Number.	Name of operator.	Post-office address of the mine.	Output of mines in tons.				Tons loaded on cars for shipment.
			Mine run.	Lump.	Other grades.	Total.	
	SHIPPING MINES.						
1	Willis Coal Mining Co., No. 6	Percy	225,377	12,634	4,213	242,224	19,079
2	Illinois Fuel Co., No. 4	Sparta	34,899	112,796	78,573	226,268	223,138
3	Moffat Coal Co., No. 1	..do	38,746	72,408	56,671	167,825	130,428
4	Jones Bros. C. & M. Co., No. 2	Marissa	.....	45,960	68,941	114,901	109,664
5	Tilden Coal Co., Crystal	Tilden	.....	18,776	27,450	46,226	42,045
6	West Side Coal Co., W. M	Coulterville	.....	16,008	29,065	45,073	38,723
7	Randolph County Coal Co., No. 1	Coulterville	528	20,041	15,050	35,619	20,635
8	Wilson Bros. Coal Co., No. 7	Sparta	600	8,328	4,160	13,088	10,842
9	Tilden Coal Co., Tilden	Tilden	.....	7,296	3,914	11,210	10,806
	Total		300,150	314,247	288,037	902,434	605,360
	LOCAL MINES.						
1	Boyle Coal Co	Sparta	260	7,140	465	7,865	.....
2	John A. Rury	Percy	.....	2,800	800	3,600	.....
3	Wilson Coal Co	Sparta	1,000	1,800	600	3,400	.....
4	Ed. Jones & Son	..do	2,400	.....	.....	2,400	.....
5	J. W. Bixby	..do	.....	1,928	125	2,053	.....
6	John Adams	Willisville	1,568	.....	.....	1,568	.....
7	Crain Bros. Coal Co	Percy	1,160	.....	.....	1,160	.....
	Total		6,388	13,668	1,990	22,046	.....
	Total—16 mines		306,538	327,915	290,027	924,480	605,360

Mines in 1915, 11. New mines, 5. Mines in 1916, 16.

WASHINGTON COUNTY,

	SHIPPING MINES.						
1	Centralia Coal Co., No. 5	Centralia	14,536	261,410	284,998	560,944	180,558
2	Nicholson Bros. Coal Co	Nashville	12,046	17,419	5,227	34,692	1,829
3	Kuhn Colliery Co	Dubois	.....	5,589	1,863	7,452	6,552
	Total		26,582	284,418	292,088	603,088	188,939
	LOCAL MINE.						
1	Martin Bros	Lenzburg	.....	2,926	200	3,126	.....
	Total—4 mines		26,582	287,344	292,288	606,214	188,939

Mines in 1915, 3. New mines, 1. Mines in 1916

TENTH DISTRICT, 1916.

Disposition of output.				Kegs of powder used for blasting coal.	Pounds of permissible explosives used.	Days of active operation.	Total number employed.	Tons mined.		Mining machines—number in use.	Accidents.		Number of motors in use.	Number of animals under ground.	Number.
Tons supplied to locomotives at the mines.	Tons sold to railroad companies and loaded on cars.	Tons sold to local trade.	Tons consumed or wasted at the mines.					By hand.	By machine.		Killed.	Injured.			
.....	217,418	332	5,365	2,843	....	174	243	.....	242,224	14	....	1	4	13	1
.....	.....	.....	3,130	2,707	....	244	183	.....	226,268	7	....	2	1	16	2
.....	34,190	.....	3,207	2,578	....	210	196	.....	167,825	14	2	....	....	18	3
.....	.....	3,237	2,000	4,350	....	155	175	114,901	.....	....	....	....	1	7	4
.....	.....	1,910	2,271	1,673	25	137	88	46,226	.....	....	1	1	....	8	5
.....	.....	4,250	2,100	2,044	....	156	74	45,073	.....	....	....	....	....	4	6
.....	12,794	1,179	1,011	1,374	....	95	110	35,619	.....	....	....	....	....	7	7
.....	.....	994	1,252	152	....	22	118	.....	13,088	4	....	....	1	7	8
.....	.....	.....	404	562	....	57	47	11,210	.....	....	....	....	....	4	9
.....	264,432	11,902	20,740	18,283	25	139	1,234	253,029	649,405	39	3	4	7	84	
.....	.....	7,500	365	375	....	185	4	7,865	.....	....	....	....	....	....	1
.....	.....	3,500	100	110	....	265	4	3,600	.....	....	....	....	....	....	2
.....	.....	3,400	.....	135	....	186	10	3,400	.....	....	....	....	....	....	3
.....	.....	2,200	200	50	....	250	3	2,400	.....	....	....	....	....	....	4
.....	.....	1,928	125	111	....	116	6	2,053	.....	....	....	....	....	....	5
.....	.....	1,568	.....	78	....	180	7	1,568	.....	....	....	....	....	....	6
.....	.....	1,160	.....	35	....	125	3	1,160	.....	....	....	....	....	....	7
.....	.....	21,256	790	894	....	187	37	22,046	.....	....	....	....	....	....	
.....	264,432	33,158	21,530	19,177	25	160	1,271	275,075	649,405	39	3	4	7	84	

TENTH DISTRICT, 1916.

.....	361,924	18,462	.....	22,325	....	207	480	514,623	46,321	5	....	2	13	....	1
18,443	.....	13,619	801	1,390	....	220	47	34,692	.....	....	....	1	....	3	2
.....	.....	400	500	255	....	71	29	7,452	.....	....	....	....	....	3	3
18,443	361,924	32,481	1,301	23,970	....	166	556	556,767	46,321	5	....	3	13	6	
.....	.....	3,126	.....	125	....	219	3	3,126	.....	....	....	....	....	....	1
18,443	361,924	35,607	1,301	24,095	....	179	559	559,893	46,321	5	....	3	13	6	

RECAPITULATION BY COUNTIES, TENTH DISTRICT, 1916.

	Jackson.	Perry.	Randolph.	Washington.	Total.
Number of mines	21	19	16	4	60
Shipping	6	11	9	3	29
Local	15	8	7	1	31
Production in tons	821,121	2,509,016	924,480	606,214	4,860,831
Shipping	805,647	2,491,132	902,434	603,088	4,802,301
Local	15,474	17,884	22,046	3,126	58,530
Mine run	77,365	777,160	306,538	26,582	1,187,645
Shipping	75,425	768,323	300,150	26,582	1,170,480
Local	1,940	8,837	6,388	.....	17,165
Lump	364,214	655,950	327,915	287,344	1,635,423
Shipping	355,047	650,226	314,247	284,418	1,603,938
Local	9,167	5,724	13,668	2,926	31,485
Other grades	379,542	1,075,906	290,027	292,288	2,037,763
Shipping	375,175	1,072,583	288,037	292,088	2,027,883
Local	4,367	3,323	1,990	200	9,880
Disposition of output	821,121	2,509,016	924,480	606,214	4,860,831
Loaded on cars for shipment	625,964	1,725,270	605,360	188,939	3,145,533
Other purposes	195,157	783,746	319,120	417,275	1,715,298
Shipping	179,683	765,862	297,074	414,149	1,656,768
Local	15,474	17,884	22,046	3,126	58,530
Kegs of powder used, blasting coal	16,240	42,393	18,892	24,095	101,620
Shipping	15,299	41,499	18,283	23,970	99,051
Local	941	894	609	125	2,569
Days of active operation (average)	149	160	170	179	160
Shipping	204	193	139	166	176
Local	127	138	187	219	146
Employees	984	2,516	1,271	559	5,330
Shipping	919	2,483	1,234	556	5,192
Local	65	33	37	3	138
Under ground	860	2,335	1,181	513	4,889
Shipping	807	2,310	1,154	511	4,782
Local	53	25	27	2	107
Above ground	124	181	90	46	441
Shipping	112	173	80	45	410
Local	12	8	10	1	31
Tons mined by hand	320,574	646,413	275,075	559,893	1,801,955
Shipping	305,100	628,529	253,029	556,767	1,743,425
Local	15,474	17,884	22,046	3,126	58,530
Tons mined by machine	500,547	1,862,603	649,405	46,321	3,058,876
Shipping	500,547	1,862,603	649,405	46,321	3,058,876
Number of machines in use	26	52	39	5	122
Shipping	26	52	39	5	122
Number of motors in use	2	28	7	13	50

RECAPITULATION BY COUNTIES, TENTH DISTRICT, 1916—concluded.

	Jackson.	Perry.	Randolph.	Washington.	Total.
Number killed	.....	5	3	.....	8
Shipping	.....	5	3	.....	8
Number injured	1	28	4	3	36
Shipping	1	28	4	3	36

Whole number of mines reported for 1915, 47.
Number of new mines opened during the year, 15.
Number of mines abandoned during the year, 2.
Whole number of mines reported for 1916, 60.

ELEVENTH INSPECTION DISTRICT—1916.

COUNTIES—FRANKLIN, GALLATIN, SALINE AND WHITE.
JOHN E. JONES, *Inspector.*

Hon. J. F. Morris, Chief Clerk, State Mining Board, Springfield.

SIR: Complying with section 5 of the General Mining Law of Illinois, I submit herewith the annual report of the coal producing counties of Franklin, Gallatin, Saline and White.

SUMMARY OF THE ITEMS IN THE REPORT.

Number of counties producing coal	4
Number of shipping mines	39
Number of local mines	31
Number of new or reopened mines	15
Number of closed or abandoned mines	5
Number of miners	493
Others under ground, men	11,503
Boys under ground	212
Boys above ground	6
Others above ground	1,454
Total number of employees	13,668
Total tons of coal produced	13,668,857
Days of active operation, all mines	149
Kegs of powder used for blasting coal	61,343
Tons of coal shipped	11,851,764
Tons supplied to locomotives	14,178
Tons sold to railroad companies	1,299,135
Tons sold to local trade	133,635
Tons consumed and wasted at mines	370,145
Number of fatal accidents	42
Number of nonfatal accidents	279
Number of employees to each fatal accident	325
Number of employees to each nonfatal accident	49
Tons of coal produced to each fatal accident	325,449
Tons of coal produced to each nonfatal accident	48,992
Ratio of fatal accidents per 1,000 employees	3.07

The following table gives the total tonnage by counties, for the years 1915 and 1916, with increase or decrease:

Counties.	Total output—tons—1915.	Total output—tons—1916.	Increase.	Decrease.
Franklin	7,324,644	9,070,811	1,746,167	.....
Gallatin	73,863	68,094	.....	5,769
Saline	3,863,030	4,502,801	639,771	.....
White	33,964	27,151	.....	6,813
Total	11,295,501	13,668,857	2,385,938	12,582
Net	.....	.....	2,373,356	.....

NEW AND REOPENED MINES.

Franklin County.—John A. Logan Coal Co., Middle Fork Mining Co., Benton.

Gallatin County.—Gallatin Coal and Coke Co., Jacob Spitzner, James T. Calbert, George Brinkley, Equality; Lee Sidner, Junction.

Saline County.—O'Gara Coal Co., Nos. 3 and 11, Harrisburg; Durham Coal Co., Galatia; Jess Raymer, Egale; Dorris Coal Co., Dorrisville; J. F. Colbert, Derby; Pat H. Ross, Logan Dunn, Stonefort.

Closed and Abandoned Mines.

Franklin County.—Hart-Williams Coal Co., Benton.

Gallatin County.—Crescent Coal Co., Equality.

Saline County.—Moore and McDonald, Carriers Mills; Brown and Jones, Galatia; J. F. Raulston, Equality.

Change of Name.

Dering Coal Co., Nos. 11 and 18 to Producers Coal Co., Nos. 18 and 19; Williams and Lessak to Harrison Bros.; W. H. McLean to H. C. Harrelson; Strong and Clark to T. H. Clark; Norris City Coal Co. to White County Coal Co.

New and Prospective Mines.

The Harrisburg Colliery Company is sinking a hoisting shaft and an air shaft at a place five miles west and four miles north of Harrisburg. The name of the mining town will be Harcoal.

The Western Coal Company is sinking an air shaft and a hoisting shaft at a place one mile west and three-fourths of a mile south of Royalton.

Explosions and Fires.

July 27, 1915 there was an explosion in the United Coal Mining Company's mine No. 1, in which nine men lost their lives. There were three fires at the Orient mine of the Chicago, Wilmington and Franklin Coal Company, and one at the Taylor Mining Company's Possum Ridge mine during the year.

Improvements.

One of the most important improvements of the year in the mining industry of Franklin County is the regular inspection of old works in the mines. Most of the mines in this county have inspectors whose duties are to make frequent and regular inspections of the abandoned workings and report to the management. Many of the mining companies have forms for the purpose of having these inspections recorded. The above improvement is perhaps the most important since the introduction of permissible explosives. There are but two mines in the county which now use black powder.

The Benton Coal Company has made the following important additions to the coal preparation plant: Installation of new shaker-screen and weigh-pan; combined link belt egg picking table and movable loading boom; five shakers in the rescreening plant and a retail coal chute. A tile washhouse 30 by 93 feet containing 492 lockers and 80 porcelain washbowls, has been built. Two new horizontal tubular boilers having 4-inch flues and of 150 horsepower each, have been added. The underground improvements consist of retimbering around the shaft bottom and moving of motor partings.

The John A. Logan Coal Company has practically made a new mine of the one formerly owned by the Benton District Coal Company. To the improvements made last year has been added two new 250 horsepower boilers, equipped with automatic stokers. A new addition has also been made to the boiler house. A 350 kilowatt generator is now being installed together with the generator building. A 14-foot by 14-foot cylindrical tank for boiler feed water and a tile washhouse 32 feet by 60 feet, which will be equipped with

hangers and bowls, are being erected. A first aid room and private washroom will be built into one end of the washhouse. In the interior of the mine there have been many improvements among which are 62 mine cars of three tons capacity each, 6 chain breast mining machines and one 10-ton haulage motor. Six more mining machines are ordered. All motor partings have been extended and a large electric pump has been installed near the shaft bottom.

The Producers Coal Company has nearly completed the erection of a steel tipple at mine No. 19, West Frankfort. The tipple contains a five track shaker, three picking tables and loading booms. Installation has been made to use electric power from the Southern Illinois Light and Power Co. The plan is to use this purchased power for all mechanical work except hoisting and ventilation. A new capel fan 7 feet by 18 feet enclosed in a new brick fan house, has recently been installed. A brick washhouse 30 feet by 60 feet, containing 436 steel lockers, 12 shower baths and an 18-foot drip and shower basin, is ready for use. The lockers are especially designed for sanitation, having air spaces at their back through which warm, dry air is forced through the lockers and miners' clothing. The air is dried by heaters and is forced through the lockers by means of a fan and galvanized piping. The mining machines at this mine are being changed. The air punchers, which have been used since the mine was sunk, are being replaced by 12 A. C. short wall mining machines, having 7½-foot cutter bars. Other mechanical installations are now being made, as follows: One 200 kilowatt motor generator set for haulage; three 12-ton haulage motors; four 3 horsepower electrically driven pumps; one 6 by 12 belt driven center crank pump; three electric transformers for surface power; three electric transformers for pump power; twelve electric transformers for interior of mine. The surface transformation is from 33,000 volts to 2,300 volts. The transformation in the interior of the mine is from 2,300 volts to 220 volts. Two sets of track scales for loaded railroad cars, one set of track scales for empty railroad cars, five car retarders, one for each track, and one steam car puller for loads and empties have been put in, and all tracks have been resurfaced and rearranged. One railroad track for loads and one for empties have been built. The main shaft has been concreted 35 feet down to the lime rock, and has been reguided with 6-inch by 6-inch pine. The air shaft has been retimbered down to the rock. This company has also made extensive improvements at No. 18 mine which is located approximately two miles northeast of West Frankfort. The following installations have been made on the surface: Two combination picking tables and loading booms, one set of new tipple scales and hopper, one refuse conveyor and storage tank for impurities, one steam driven car puller for railroad cars, one A. C. motor generator set of 200 kilowatt and one dynamo, 200 kilowatt. A brick washhouse, 30 feet by 60 feet, containing 436 steel lockers, 12 shower baths and an 18-foot drip and shower basin is now completed. The lockers are especially designed for sanitation, having air space at their back, through which warm, dry air is forced for the purpose of drying the clothing in the lockers. The air is heated and dried by being forced across a series of heaters on its way to the lockers. A 10 feet by 10 feet water supply tank for boilers, washrooms and fire fighting line, has recently been installed. A heater for boiler supply water is now being erected. Two new self dumping cages have also been installed. Extensive installations have been made in the interior of the mine as follows: Eight short wall mining machines having 7-foot cutter bars, two 13-ton haulage motors, six 6-ton gathering motors, one hundred 3½-ton mine cars. The cage room on both sides of the shaft has been lengthened to double its original length. The motor haulage road has been changed on main entries from 30-pound rails to 40-pound rails. Both shafts have been retimbered.

The West Frankfort Coal Company has completed the fan house of concrete and brick; built a 40 feet by 60 feet galvanized washhouse with a concrete floor containing 100 steel lockers, 7 shower baths and 30 basins. A double roll link belt coal crusher of 1,500 tons daily capacity, an automatic

scale recording device for loaded railroad cars, a new self dumping cage and a 200 horsepower return tubular boiler have been put in. A 6-ton haulage motor, 2 short wall mining machines with 6-foot cutter bars, two breast mining machines with 7-foot cutter bars and 35 mine cars of 3½-ton capacity have been added to the underground equipment. Twenty-pound rails have been replaced by 40-pound rails throughout the motor haulage section of the mine.

The Old Ben Coal Corporation has made extensive improvements at the properties in West Frankfort. A washhouse at each mine of reinforced stucco and concrete has been built. Each house is 40 feet by 60 feet, contains 18 showers and approximately 400 lockers. At No. 8 the following improvements have been made: Seventy-five 3½-ton capacity mine cars, one tipple scale, one railroad track scale, two ¼-mile unloading tracks for storage coal, one clam shell steam shovel with 55 foot boom, two 100 horsepower return tubular boilers, one 300 kilowatt Corliss belt driven generator, two 8-foot boiler plate hoisting drums with cast steel spiders, one 75 horsepower motor for driving egg coal belt, and one set shaker screens under loading bins. The empty side bottom has been extended 200 feet with 42 by 19 feet by 15 inches I beams placed six feet apart. At mine No. 9 the company has just completed the installation of heavy I beams throughout the length of their loaded car bottom. The bottom is 500 feet long and I beams have been set approximately four feet apart. It is the intention to concrete the sides later. Other improvements at this mine are as follows: Two 1,000,000 circular mills lead covered cables, one electric pump 30 horsepower, electric repair shop in the mine, 160 cars 3½-ton capacity, four breast mining machines, and four 6-ton locomotives. This mine has the distinction of being the quickest developed mine in the State. Sinking was begun on June 8, 1913, and coal was struck on October 12 of the same year. On October 27, 1914, 2,027 tons were hoisted and on December 30, 1915, 4,105 tons were hoisted. At present a daily average of nearly 4,000 tons is maintained.

The United Coal Corporation, Christopher, has erected and equipped washhouses at both mines, each being the duplicate of the other, and are 30 feet by 66 feet, constructed of tile, having concrete floors, 500 lockers, 12 shower baths, 24 porcelain wash bowls and a first aid and foreman's room in one end of the building. At mine No. 1, the following equipment has been installed: Three 150 horsepower return tubular boilers, one loading boom and picking table for nut coal, two new self dumping cages, two 6-ton gathering motors, two breast machines and thirty-two 3-ton mine cars. At mine No. 2, located at Buckner, the following equipment has been installed: Fan engine 225 horsepower; three loading booms and picking tables, one 200 kilowatt generator and direct connected engine, one 475 horsepower water tubular boiler, three 6-ton gathering motors, four mining machines, and extended railroad tracks 1,500 feet.

The Christopher Coal Mining Company has made the following improvements at No. 1 mine: The washhouse, which is of galvanized iron and has a concrete floor in the washing compartment, has been enlarged so that now it is 20 feet by 80 feet. It is equipped with 300 lockers, 8 showers and a spray catch basin 10 feet in length. A motor has been installed for driving the fan, the steam engine formerly used being kept for emergency purposes. A new steel dumping cage has been put in recently. Many extensive improvements have been made at mine No. 2, which is located at Christopher. These improvements are as follows: Rescreening plant for four sizes, storage 600 tons, daily capacity 4,000 tons; two 500 horsepower boilers; one 2,500 kilowatt turbine generator; water softening and spray cooling system; box car loader having a capacity of 2,500 tons daily and equipped with cross conveyors for loading nut, egg and lump coal; one new self dumping cage; brick washhouse with concrete floor, 30 feet by 80 feet, equipped with 304 lockers, 10 shower baths and a first aid and foreman's room; brick warehouse, 45 feet by 90 feet; brick machine and electrical repair shop, 45 feet by 70 feet. The main shaft has been con-

creted from the bottom 30 feet and from the top 50 feet and a concrete wall has been erected around the shaft opening. The cage room on both sides of shaft has been concreted to the extent of 450 feet. The runaround on the bottom has also been concreted. The wooden partition between the air and hoisting compartments of the escapement shaft is being replaced with a 6-inch concrete wall. Two 750,000 circular mills copper cables, have been placed in the air compartment of the escapement shaft. The main haulage tracks throughout the mine have been completely relaid with 48-pound rails upon zinc treated railroad ties, two hundred 4½-tons capacity mine cars, one 15-ton electric locomotive, two 6-ton electric locomotives, ten chain breast machines having 7-foot cutter bars, have been installed.

The Bell and Zoller Mining Company, Zeigler, has put in a 28-inch by 42-inch hoisting engine and reinstalled the old engines for a man hoist. The coal at the mine is hoisted in a skip and the men and material are hoisted in a separate compartment in a cage made solely for that purpose. The underground improvements are as follows: One 300 kilowatt generator, one 50 horsepower boiler at pumping station, three portable electric pumps, and one 15-ton haulage locomotive.

The Taylor Mining Company, at Possum Ridge mine, Freeman, has just completed driving through an immense fault which they have been battling with for several months. The entries were driven 258 feet in faulty condition, 170 feet of which was solid work. The fault was in the form of a basin having a depth of 47 feet. A galvanized washhouse 18 feet by 40 feet has been completed containing 150 lockers and 12 shower baths. The underground improvements are as follows: Two 10-ton electric locomotives; one 200 kilowatt generator; one air compressor and twenty-five 3-ton mine cars. A new weigh pan has recently been installed and the shaker screen equipment overhauled and enlarged.

The Franklin Coal and Coke Company, Royalton, has made the following improvements at mine No. 1: One locomotive crane for storing and loading small sizes of coal; one 6-ton storage battery locomotive; one mechanical slate picker; fifty new roller bearing mine cars; fifty sets of roller bearing trucks and two self dumping steel cages. The steam drive in the machine shop has been replaced by an electric drive; a two story frame addition and two fireproof vaults have been added to the mine office.

The W. P. Rend Colliery Company has completed the concrete washhouse and equipped it with hanger baskets and porcelain basins to accommodate 500 men. The room is 30 feet by 100 feet in dimensions. A stationary engine drum and cable for handling empty and loaded railroad cars has been put in service.

The Middle Fork Mining Company, whose mine is situated 2½ miles east of Benton, has completed the steel tipple and is now hoisting and preparing their coal through it. The auxiliary electric hoist is now being used and will continue to be until the mine production will warrant the installation of the direct connected motor. The improvements which have been made during the year are as follows: One 6-ton gasoline locomotive; thirty-six mine cars of 4-ton capacity; three No. 3 lead covered cables for conducting 2,300 volt current; four A. C. mining machines; one railroad track scales for loaded cars, and a disk pan 8 feet in diameter have been installed. Two combination loading booms and picking tables, each operated by separate motors, have been added to the tipple equipment.

The Chicago, Wilmington and Franklin Coal Company, Orient, has made many improvements in the village and about the mine. They have recently completed the building of 50 houses, a 40-foot by 50-foot brick supply store and 5,000 square feet of concrete sidewalks. A 44-foot by 56-foot brick wash room, which will soon be enlarged to accommodate 200 more miners, has been built. The room is partitioned into two compartments, one for the shower bath and bowls and the other for clothing. Hangers are installed here in place of lockers and the wash room is equipped to accommodate 325 men. A first aid brick house, 16 feet by 35 feet, has been built and is being supplied with an operating table, medicine cabinet, lavatories, sterilizer, first aid material and mine rescue equipment. A new steel

tipple for the hoisting of material has been built at the escapement shaft, 2,000 feet of railroad tracks for coal storage constructed, and a single roll coal crusher, 30 inches by 30 inches, added to the tipple equipment. A second story has been built upon the office building thus making the office contain 8 rooms, lavatory, closets and vault. This is now the main operating office for the four mines of the company in the State. A 30-foot by 60-foot brick supply room for the mine supply storage and a 60-ton switching locomotive for railroad cars, have recently been added to the surface equipment. The most important of the underground improvements are as follows. One hundred 4½-ton capacity mine cars, one 15-ton electric locomotive, one 8-ton electric locomotive, two short wall mining machines, four new motor partings, one portable electric pump, one portable electric air compressor and two 60-gallon fire extinguishers. A fire room containing fire fighting material and glass-covered key is being installed in the mine. The following improvements are now undergoing installation: One 400 horsepower boiler, one hundred 4½-ton mine cars, one 15-ton haulage motor, one 8-ton haulage motor, one water softener, 5-acre reservoir and one water heater for boilers.

The Sesser Coal Company of Sesser, has made the following improvements during the year: A double deck sand drier, (sand is dried by exhaust steam); one water heater, capacity 1,800 horsepower; one 14-ton electric locomotive; two 6-ton electric locomotives; one long wall chain mining machine; one hundred mine cars, capacity 3½ tons each; one pair of hoisting engines, 16-inch by 24-inch cylinders, at air shaft; and a concrete engine house and steel tipple. The compressor room has been remodeled and an underground motor pit installed.

The O'Gara Coal Company has made the following improvements: Mine No. 1, forty-three feet of the air shaft has been recased, the escapement and air compartments have been relined and rebuilt and a new stairway put in the escapement; ninety new mine cars have been added and the motor roads extended and graded an additional 4,200 feet. On the surface the engine and generator room has been remodeled, a 100 kilowatt generator set added, and the concrete foundation for a miners' wash room laid. At mine No. 3, motor roads have been graded and extended 2,300 feet. At mine No. 8, the concrete foundation for a washhouse has been laid, a new set of shaker screens installed, the tipple bar overhauled and grading completed for a timber yard. The motor roads have been graded and extended 2,300 feet. At mine No. 9, a galvanized washhouse for miners, containing a supply room and office room in one end, has been completed; a new engine for the rescreening plant, a 75 kilowatt generator, a car repair shop, a retail coal bin and a new steam sand drier, have been installed. The motor roads have been graded and extended 2,500 feet. At mine No. 10, the motor roads have been graded and extended 4,000 feet and the bottom has been retimbered with steel I beams. The miners' wash room is nearly completed; the screen building has been remodeled and a new 60-foot smokestack has been erected. At mine No. 11, a wash room, blacksmith and car repair shop are now being built. The shaker screens have been remodeled and grading is completed for a new timber yard. The motor roads have been graded and extended 2,800 feet and the bottom has been retimbered with I beams. At mine No. 12, the motor roads have been graded and extended 2,200 feet and 30 new mine cars added; the boiler house and boiler walls have been remodeled and rebuilt; the shaker screens overhauled and three new smokestacks erected. At mine No. 14, motor roads have been graded and extended 2,000 feet. At mine No. 15, motor roads have been graded and extended 1,200 feet; the tipple has been overhauled and a wash room started. (See note, page 259.)

The Wasson Coal Company has made the following improvements at mine No. 1, Wasson: One slack bin 100-ton capacity; three movable shaker booms, fitted with electric hoist; three movable picking tables. A galvanized washhouse 30 feet by 60 feet, with concrete floor and metal lath and fireproof plaster, has been completed and equipped with 360 hangers and enamel pans. A transformer station has been built to receive and transform power from 33,000 volts to 2,300 volts for mine use. Transformers

are also installed to reduce the current to 250 volts. A motor generator set of 200 kilowatt has also been added. A night watching system has been added, which will record hourly inspections at sixteen different stations. Other improvements are as follows: One railroad cable car pull and housing; one 20-foot by 40-foot supply house; twenty-five 2-ton mine cars; one 12-ton motor for haulage; one 50 kilowatt electric slope hoist for pulling cars up steep grade in interior of mine. At mine No. 2, three miles west of Carriers Mills, the following improvements have been made: Twelve hundred feet railroad switch track; thirty 4-room miners' houses; one 25-foot by 35-foot supply house; one store building; one 30-foot by 40-foot machine shop; two chain power hoists; one 100 kilowatt generator set; one 7½-ton motor hoist for tipple; one 60-foot railroad track scale. Underground the following improvements have been made: One hundred 2-ton capacity mine cars; three electric pumps; three 5-ton locomotives; three breast mining machines, 6-foot cutter bars. The motor haulage has been extended, using 40-pound rails. A new air shaft has been sunk from the seam up to the surface to give better ventilation.

The Saline County Coal Company has completed the tile and concrete washhouses at mines Nos. 2 and 3. They are each equipped with hangers and will accommodate 150 men. A movable boom conveyor from screen into lump car, and the following underground equipment have been installed at mine No. 2. Two lead lined pumps, 5-inch discharge, 6-inch suction; fifty 2½-ton mine cars; one 10-ton locomotive and one triple electric pump have been placed. The main shaft has been retimbered. At mine No. 3, the following have been installed: One 200 kilowatt motor generator set; one nut coal movable boom conveyor; one electric driven centrifugal pump; one hundred-fifty 4-ton mine cars; one 10-ton electric locomotive; one arc wall overcut mining machine, especially adapted for making a coal roof, and one portable electric pump. At mine No. 6, the following improvements have been made: A brick office, 16 feet by 40 feet; a wash room, frame and concrete floor, equipped for 150 men; one 7-ton electric locomotive; fifty mine cars, 2-ton capacity; one mile of 30-pound motor haulage track; one short wall mining machine, 6-foot cutter bar, and one portable electric pump.

The Eldorado Coal and Mining Company has completed the washhouse. This house is of brick, 30 feet by 60 feet, and is equipped with hangers and basins An 8-ton haulage motor has been put in recently.

Fatal Accidents.

July 10, 1915, Frank Sammods, miner, age 28 years, married, was killed by falling coal in the No. 1 mine, Christopher Coal Mining Company, Christopher, Franklin County. He leaves a widow and two children.

July 12, 1915, Simon Lukis, miner, age 50 years, married, employed in the No. 11 mine of the Dering Coal Company, (now Producers Coal Company No. 19) was caught between the pit car and coal rib and killed. He leaves a widow and two children.

July 27, 1915, Mike Carsega, miner, age 25 years, single; Julius Takaco, miner, age 38 years, married; Alphose Dufour, miner, age 20 years, single; Eiteure Dufour, miner, age 55 years, married; George Genitias, miner, age 45 years, married; Frank Gramoski, miner, age 45 years, married; Everett Swafford, miner, age 45 years, married, and John Parks, miner, age 55 years, single, employed in No. 1 mine of the United Coal Mining Company, Christopher, Franklin County, were killed by an explosion of gas. Julius Takaco leaves a widow; Eiteure Dufour, a widow and two children; George Genitias, a widow and two children; Frank Gramoski, a widow and five children; Everett Swafford, a widow and four children.

July 28, 1915, William Good, miner, age 55 years, married, was killed by a gas explosion in the United Coal Mining Company's No. 1 mine, Christopher, Franklin County. He leaves a widow and one child.

August 6, 1915, John Williamson, electrician, age 29 years, married, was electrocuted in the Dering Coal Company's No. 18 mine, (now Producers Coal Company No. 18) West Frankfort, Franklin County. He leaves a widow and one child.

August 25, 1915, George Madge, machine runner, age 30 years, single, was killed by falling coal in Sesser Coal Company's mine, Sesser, Franklin County.

September 20, 1915, Fred Bukner, machine helper, age 28 years, single, was killed in Sesser Coal Company's mine, Sesser, Franklin County, by falling coal.

September 28, 1915, Anton Kragulik, miner, age 36 years, married, employed in Benton Coal Company's mine, Benton, Franklin County, was killed by falling coal. He leaves a widow and four children.

September 29, 1915, Adam Marincez, blacksmith, age 40 years, married, was killed by being caught between motor and car in the Bell and Zoller Mining Company's mine, Zeigler, Franklin County. He leaves a widow and one child.

September 29, 1915, Uladas Zevenokis, loader, age 31 years, single, was killed by pit cars in Old Ben Coal Corporation's No. 9 mine, West Frankfort, Franklin County.

October 22, 1915, Thomas Penrod, miner, age 38 years, married, was killed by falling slate in No. 10 mine, O'Gara Coal Company, Eldorado, Saline County. He leaves a widow and five children.

October 26, 1915, John Bulnar, miner, age 27 years, married, was killed in Bell and Zoller Mining Company's mine, Zeigler, Franklin County. He leaves a widow and one child.

October 29, 1915, Frank Belska, loader, age 28 years, married, was killed at Orient, Franklin County, by pit cars in the mine of Chicago, Wilmington and Franklin Coal Company. He leaves a widow.

October 30, 1915, Charles Roberts, motorman, age 24 years, married, was killed by pit cars in Producers Coal Company's No. 18 mine, West Frankfort, Franklin County. He leaves a widow and one child.

November 8, 1915, Charles Perkins, miner, age 28 years, single, was killed in Wasson Coal Company's No. 2 mine, Carriers Mills, Saline County, by falling rock.

November 11, 1915, Andrew Dumffie, miner, age 21 years, single, was killed by falling coal in Franklin Coal and Coke Company's No. 1 mine, Royalton, Franklin County.

November 12, 1915, Mike Dini, miner, age 24 years, single, was electrocuted in Producers Coal Company's No. 18 mine, West Frankfort, Franklin County.

December 26, 1915, Joseph S. Gostowski, laborer, age 25 years, single, employed in Benton Coal Company's mine, Benton, Franklin County, was caught in machinery of hoisting engine and killed.

December 28, 1915, John Pea, car trimmer, age 40 years, married, was killed at No. 15 mine of the Harrisburg Saline Colliery Company, Harrisburg, Saline County, by railway cars. He leaves a widow and three children.

January 8, 1916, Joe Susock, trip rider, age 26 years, single, was killed by a motor in the Bell and Zoller Mining Company's mine, Zeigler, Franklin County.

January 10, 1916, D. E. Summers, miner, age 38 years, married, employed in the John A. Logan Coal Company's mine, Logan, Franklin County, was killed by falling rock. He leaves a widow and two children.

January 10, 1916, Charles Harris, miner, age 50 years, single, was killed by falling rock in the John A. Logan Coal Company's mine, Logan, Franklin County.

January 20, 1916, George Buckalew, machine helper, age 35 years, married, was killed by falling rock in No. 1 mine, Wasson Coal Company, Wasson, Saline County. He leaves a widow and two children.

January 26, 1916, Ottis Napier, driver, age 26 years, married, an employee of the O'Gara Coal Company at No. 3 mine, Harrisburg, Saline County, was killed by falling rock. He leaves a widow and three children.

February 11, 1916, E. T. Gray, laborer, age 30 years, married, was killed by falling down the shaft of the Old Ben Coal Corporations No. 9 mine, West Frankfort, Franklin County. He leaves a widow and two children.

February 12, 1916, Thomas McNeal, mine manager, age 38 years, married, was caught between car and tie and killed in No. 2 mine, Christopher Coal Mining Company, Christopher, Franklin County. He leaves a widow and two children.

February 13, 1916, Dudley Gant, driver, age 23 years, single, was killed by pit cars at Harrisburg, Saline County, in the No. 12 mine, Harrisburg-Big Muddy Coal Co.

February 14, 1916, Joe Golidas, cager, age 28 years, single, was caught between pit car and coal rib in W. P. Rend Colliery Company's mine, Rend, Franklin County, and killed.

February 16, 1916, Aaron De Var, driver, age 26 years, married, was killed by pit cars in Durham Coal Company's mine, Galatia, Saline County. He leaves a widow and two children.

March 3, 1916, John Price, laborer, age 23 years, single, employed at Christopher Coal Mining Company's No. 2 mine, Christopher, Franklin County, was caught between railway cars and killed. He leaves two dependents.

March 8, 1916, Walter Wanless, machine runner, age 27 years, married, was killed by mining machine in No. 12 mine, Harrisburg-Big Muddy Coal Company, Harrisburg, Saline County. He leaves a widow and one child.

May 5, 1916, Robert Hall, trip rider, age 20 years, single, was killed by pit cars in Saline County Coal Company's No. 3 mine, Harrisburg, Saline County.

May 16, 1916, Victor Janoski, miner, age 28 years, single, was killed by a fall of rock in Old Ben Coal Corporation's No. 9 mine, West Frankfort, Franklin County.

May 16, 1916, Eddie Sadel, miner, age 34 years, single, an employee of the Old Ben Coal Corporation, No. 9 mine, West Frankfort, was killed by falling rock.

May 24, 1916, Em. Butler, miner, age 47 years, married, was killed by being caught between motor and coal rib in the C. W. and F. Coal Company's mine, Orient, Franklin County. He leaves a widow and three children.

Respectfully submitted,

JOHN E. JONES,
State Inspector of Mines, Eleventh District, Benton, Ill.

FATAL CASUALTIES, ELEVENTH DISTRICT, JUNE 30, 1916.

Date.	Name.	Age.	Occupation.	Residence.	Married.	Single.	Widow.	Children.	Dependents.	Cause of death.
1915										
July 10	Frank Sammods	28	Miner	Christopher	1	..	1	2	3	Falling coal.
12	Simon Lukis	50	..do	W Frankfort	1	..	1	2	1	Caught between car and rib.
27	Mike Carsega	25	..do	Christopher	..	1	..	..	..	Gas explosion.
27	Julius Takaco	38	..do	..do	1	..	1	..	1	Gas explosion.
27	Alphonse Dufour	20	..do	..do	..	1	..	..	..	Gas explosion.
27	Eiteure Dufour	55	..do	..do	1	..	1	2	3	Gas explosion.
27	George Genitias	45	..do	..do	1	..	1	2	3	Gas explosion.
27	Frank Gramoski	45	..do	..do	1	..	1	5	6	Gas explosion.
27	Everett Swofford	45	..do	..do	1	..	1	4	5	Gas explosion.
27	John Parks	55	..do	..do	..	1	..	..	..	Gas explosion.
28	William Good	55	..do	DeSoto	1	..	1	1	2	Gas explosion.
Aug. 6	John Williamson	29	Electrician	W. Frankfort	1	..	1	1	2	Electrocuted.
25	George Madge	30	Machine runner	Sesser	..	1	..	..	..	Falling coal.
Sept. 20	Fred Bukner	28	Machine helper	..do	..	1	..	..	..	Falling coal.
28	Anton Kragulik	36	Miner	Benton	1	..	1	4	5	Falling coal.
29	Adam Marincez	40	Blacksmith	Zeigler	1	..	1	1	2	Caught between motor and car.
29	Uladas Zevenokis	31	Loader	W. Frankfort	..	1	..	..	..	Pit car.

FATAL CASUALTIES, ELEVENTH DISTRICT, JUNE 30, 1916—concluded.

Date.	Name.	Age.	Occupation.	Residence.	Married.	Single.	Widow.	Children.	Dependents.	Cause of death.
1915										
Oct. 22	Thos. Penrod	38	Miner	Eldorado	1	..	1	5	6	Falling slate.
26	John Bubnas	27	..do	Zeigler	1	..	1	1	2	Falling coal.
29	Frank Belska	28	Loader	W. Frankfort	1	..	1	..	1	Pit car.
30	Charles Roberts	24	Motorman	..do	1	..	1	1	2	Pit car.
Nov. 8	Charles Perkins	28	Miner	Carriers Mills	..	1	..	..	..	Falling rock.
11	Andrew Dumflie	21	..do	Royalton	..	1	..	..	..	Falling coal.
12	Mike Dini	24	..do	W. Frankfort	..	1	..	..	..	Electrocuted.
Dec. 26	Joseph S. Gostowski.	25	Laborer	Benton	..	1	..	..	..	Caught in machinery of hoisting engine.
28	John Pea	40	Car trimmer	Carriers Mills	1	..	1	3	4	Railroad cars.
1916										
Jan. 8	Joe Susock	26	Trip rider	Zeigler	..	1	..	..	..	Motor.
10	D. E. Summers	38	Miner	Thompsonville	1	..	1	2	3	Falling rock.
10	Charles Harris	50	..do	Logan	..	1	..	..	..	Falling rock.
20	George Buckalew	35	Machine helper.	Eldorado	1	..	1	2	3	Falling rock.
26	Ottis Napier	26	Driver	Harrisburg	1	..	1	3	4	Falling rock.
Feb. 11	E. T. Gray	30	Laborer	Frankfort Hts.	1	..	1	2	3	Fell down shaft.
12	Thomas McNeal	38	Mine manager	Christopher	1	..	1	2	3	Caught between car and tie.
13	Dudley Gant	23	Driver	Muddy	..	1	..	..	1	Pit car.
14	Joe Golidas	28	Cager	Rend	..	1	..	..	..	Caught between car and rib.
16	Aaron De Var	26	Driver	Galatia	1	..	1	2	3	Pit car.
Mar. 3	John Price	23	Laborer	Mulkeytown	..	1	..	..	2	Crushed between railroad cars.
8	Walter Wanless	27	Machine runner	Harrisburg	1	..	1	1	2	Mining machine.
May 5	Robert Hall	20	Trip rider	..do	..	1	..	..	..	Pit car.
16	Victor Janoski	28	Miner	W. Frankfort	..	1	..	..	..	Falling rock.
16	Eddie Sadel	34	..do	..do	..	1	..	..	..	Falling rock.
24	Wm. Butler	47	..do	Orient	1	..	1	3	2	Caught between motor and rib.
	Total	..			24	18	24	51	74	

RECAPITULATION OF FATAL ACCIDENTS, ELEVENTH DISTRICT, 1916.

Residence.	No.	Occupation.	No.	Cause of accident.	No.	Colliery.	No.
Benton	2	Blacksmith	1	Caught between car and motor	1	Bell-Zoller Mining Co.	3
Carriers Mills	2	Cager	1	Caught between car and rib	2	Benton Coal Co.	2
Christopher	10	Car trimmer	1	Caught between car and tie	1	Chi., Wilm. & F. C. Co.	2
DeSoto	1	Drivers	3	Electrocuted	1	Christopher C. M. Co.	3
Eldorado	2	Electrician	1	Fall down shaft	1	Durham Coal Co.	1
Frankfort Heights.	1	Laborers	3	Falling coal	4	Franklin C. & C. Co.	1
Galatia	1	Loaders	2	Falling rock	7	Harrisburg B. M. C. Co.	2
Harrisburg	3	Machine helpers	2	Falling slate	1	Harrisburg-Saline C. Co.	1
Logan	1	Machine runners	2	Fell down shaft	1	John A. Logan C. Co.	2
Muddy	1	Mine manager	1	Gas explosion	9	O'Gara Coal Co.	2
Mulkeytown	1	Miners	22	Machine	1	Old Ben Mining Corp.	4
Orient	1	Motorman	1	Motor	1	Producers Coal Co.	4
Rend	1	Trip riders	2	Pit cars	6	W. P. Rend Coal Co.	1
Royalton	1			Railroad cars	2	Saline County Coal Co.	1
Sesser	2					Sesser Coal Co.	2
Thompsonville	1					United Coal Min. Co.	9
West Frankfort	8					Wasson Coal Co.	2
Zeigler	3						
Total	42		42		42		42

NONFATAL CASUALTIES, ELEVENTH DISTRICT, JUNE 30, 1916.

Date.	Name.	Age.	Residence.	Married.	Single.	Children.	Dependents.	Character of injury and cause of accident.	Time lost—days.
1915									
July 2	George Belt	34	Eldorado	1	....	2	3	Leg injured, falling slate	90
2	Walter Henley	..	Carriers Mills	....	1	....	....	Body injured, fell down	30
12	W. R. Eckers	38	W. Frankfort	1	....	2	3	Pelvis broken, pit car	49
13	Joe Barber	46	Zeigler	....	1	....	....	Leg injured, motor	109
13	Name not given	..	..do	....	1	....	....	Eye injured, flying coal	42
21	Philip Baumgarte	26	Royalton	....	1	....	....	Finger broken, falling coal	32
23	Mark Killion	23	Sesser	....	1	....	....	Ribs broken, pit car	90
24	John Scarlett	21	W. Frankfort	....	1	....	1	Foot injured, pit car	37
24	James Bigando	40	Christopher	1	....	2	3	Leg injured, machine	180
27	James Ceroti	30	..do	....	1	....	....	Body burned, gas explosion	63
27	Steve Kluda	25	..do	....	1	....	....	..do	98
27	John Marlow	21	..do	....	1	....	....	..do	31
28	Fred Fox	29	Royalton	1	....	1	2	Finger cut off, pit car	32
30	Dan Shafer	48	W. Frankfort	1	....	7	8	Finger injured, pit car	36
31	George Lneiska	28	Wasson	....	1	....	....	Arm broken, pit car	51
Aug. 2	Wm. Colosito	31	Royalton	....	1	....	....	Foot injured, motor	30
3	Chas. Diajowski	40	W. Frankfort	1	....	4	5	Body injured, pit car	54
4	Dempsey Ashton	30	Grayson	1	....	1	2	Foot broken, falling slate	*
6	Mike Patrorick	21	Buckner	....	1	....	....	Arm injured, pit car	58
7	Tony Wizzerdos	61	Ledford	1	....	....	1	Hand broken, pit car	*
8	John Vaughn	28	Eldorado	....	1	....	....	Leg injured, machine	243
9	John Wetinszki	33	Ledford	1	....	....	1	Body injured, falling slate	*
15	Andrew Rubis	39	Streator	1	....	5	6	Leg broken, falling rail	90
15	Joe Machalis	27	W. Frankfort	....	1	....	....	Body injured, falling slate	51
15	Chas. Green	48	..do	1	....	....	1	Hand injured, fell off box	42
18	George Jenkins	32	Carriers Mills	....	1	....	2	Leg broken, pit car	60
20	J. R. Hughes	46	Dorrisville	1	....	7	8	Leg broken, falling coal	68
21	John Gunter	25	Benton	....	1	....	....	Fingers broken, pit car	160
27	Wm. Gamber	37	Christopher	1	....	7	8	Hand broken, falling coal	38
30	Robert Williams	26	Buckner	....	1	....	....	Shoulder injured, pit car	70
30	Geo. Augusta	36	Eldorado	1	....	5	6	Body injured, falling rock	92
Sept. 1	G. A. Shipe	57	..do	....	1	....	....	Body injured, falling slate	*
1	Peter Zizick	22	Zeigler	....	1	....	....	Foot injured, pit car	89
3	A. L. Hatchett	38	Benton	1	....	4	5	Hand injured, falling coal	30
4	R. Skinner	35	Royalton	1	....	3	4	Finger injured, machine	32
7	Frank McDile	50	Harrisburg	1	....	3	4	Back injured, fell down	39
8	Mack Short	27	W. Frankfort	1	....	1	2	Leg broken, pit car	240
9	Dominic Riva	58	Christopher	1	....	8	9	Finger broken, car door	88
10	Pleas Owens	40	Royalton	1	....	3	4	Hand injured, falling coal	72
10	James Drysdale	19	Christopher	....	1	....	2	Leg broken, motor	166
10	Ignas Ureiters	36	Ledford	....	1	....	....	Foot broken, falling slate	*
11	Marion Bomeet	25	Orient	1	....	1	2	Collar bone broken, pit car	39
11	Vincent Zarhkas	51	Wasson	1	....	1	2	Ribs broken, premature shot	51
15	Blay Sikovich	40	Zeigler	1	....	....	1	Foot injured, pit car	182
16	R. W. Wickersham	28	Rend	1	....	....	1	Arm injured, pit car	33
17	Mike Notchie	30	Benton	1	....	3	4	Finger cut off, machine	30
19	Edward Gifford	23	Eldorado	1	....	2	3	Foot injured, pit car	40
20	Thomas Clayton	40	Benton	1	....	....	1	Leg broken, machine	150
21	James Lloyd	52	Eldorado	1	....	1	2	Finger broken, falling slate	33
21	Louis Grounds	22	Dorrisville	....	1	....	....	Leg broken, motor	98
23	Joe Cariana	35	Royalton	1	....	4	5	Rib broken, fell down	54
23	Robert Renfro	32	Mulkeytown	1	....	1	2	Arm injured, caught in machinery	30
25	Tony Bredellus	28	W. Frankfort	1	....	1	2	Ankle broken, pit car	186
26	Dennie Fitzsimmons	34	Eldorado	1	....	4	5	Foot injured, falling slate	71
27	E. Dumouth	48	Freeman	1	....	2	1	Foot injured, falling slate	59
27	Tony Norkunis	26	Dorrisville	....	1	....	....	Leg broken, falling slate	*
27	Dock Cron	42	Eldorado	1	....	3	4	Arm broken, falling rock	60
27	Sherman Ballard	28	W. Frankfort	1	....	1	2	Head injured, falling coal	35
28	Adam Shannon	22	Royalton	....	1	....	....	Foot broken, pit car	99
28	Mat Lackey	30	Sesser	1	....	....	1	Leg broken, machine	70
29	Charles Nodiski	56	Harrisburg	1	....	....	1	Leg injured, falling slate	75
29	Chess Pratt	30	Sesser	....	1	....	....	Hand broken, motor	90
29	Rayburn Knight	21	Christopher	....	1	....	....	Hand broken, pit car	41
Oct. 1	Clarence Droley	28	Harrisburg	....	1	....	1	Finger broken, pit car	73
3	Herbert Dorris	20	W. Frankfort	....	1	....	1	Eye destroyed, flying steel	60
6	Adam Maullis	40	Dorrisville	1	....	2	3	Ribs broken, falling rock	68
6	Roscoe Dunham	19	Grayson	1	....	....	1	Finger broken, pit car	68
9	Joe Pavemich	37	Christopher	1	....	....	1	Head injured, pit car	*
15	Jess Cochran	22	W. Frankfort	1	....	....	1	Foot broken, motor	255
15	Angelo Passano	26	Zeigler	....	1	....	....	Leg injured, pit car	46
16	John Clarida	37	Harrisburg	1	....	3	4	Body injured, pit car	38

NONFATAL CASUALTIES, ELEVENTH DISTRICT, JUNE 30, 1916—continued.

Date.	Name.	Age.	Residence.	Married.	Single.	Children.	Dependents.	Character of injury and cause of accident.	Time lost—days.
1915									
Oct. 16	Thos. Danti	37	W. Frankfort	1		5	6	Finger broken, car door	33
18	Frank Pinchon	24	Christopher		1			Hand injured, pit car	47
18	Eli Meatovich	20	do		1			Body injured, pit car	43
19	Mike Dregnosky	45	Royalton		1			Ribs broken, pit car	82
19	Frank Clark		Benton		1			Body injured, pit car	30
19	M. L. Crenshaw	50	Christopher	1		4	1	Collar bone broken, pit car	47
20	Mike Grukser	30	W. Frankfort	1			1	Leg broken, not stated	128
22	Thos. Thompson	42	do	1			1	Head injured, not stated	119
23	Mike Miller	40	Royalton	1			1	Body injured, fell down	57
25	Joe Mesko	30	Ledford		1			Finger cut off, machine	49
25	John Canfield	49	W. Frankfort		1			Foot broken, falling coal	63
25	John Grow	30	Wasson	1		1	1	Arm broken, falling slate	*
27	Joe Gunter	30	Christopher		1			Body burned, gas explosion	94
29	Charles Yates	26	Harrisburg	1		1	4	Foot cut off, falling coal	153
30	Jake Boroski	44	W. Frankfort	1			1	Head injured, falling prop	250
Nov. 1	Fred Trout	20	Buckner		1			Hand broken, pit car	62
2	Val Striplin	29	W. Frankfort		1			Shoulder injured, pit car	46
3	John Rentfro	41	do	1		2	3	Ankle broken, machine	199
3	Chris Watson	28	do		1			Hand broken, machine	180
5	James Mackey	18	Christopher		1			Foot broken, pit car	88
5	Leslie Childs	28	W. Frankfort		1			Eye injured, flying coal	60
5	V. Allison	34	Royalton		1			Body injured, motor	66
8	Walter Young	18	do		1			Back injured, pit car	62
11	Sam Brandon	35	do		1			Body injured, falling coal	34
11	Tom Wriston	30	W. Frankfort	1		1	2	Ankle injured, falling coal	50
15	Joe Raysia	45	Royalton	1		3	4	Body burned, powder explosion	83
15	Tony Giho	23	Logan		1		1	Body burned, gas explosion	60
15	Gasper Shaffer	50	Zeigler		1			Leg injured, falling coal	165
15	John Koos	31	Rend		1			do	65
16	Louis Ratcher	47	Royalton	1		4	5	Head injured, falling coal	30
17	Stanly Comonduly	25	Harrisburg		1			Leg injured, pit car	49
17	Joe Moline	27	Eldorado	1		1	2	Leg injured, falling rock	90
17	Mike Smith	34	Buckner		1			Head injured, flying coal	48
17	Jos. Maluce	40	do	1			1	do	49
17	Pete Wenzel	30	Christopher	1			1	Body burned, gas explosion	76
17	June Menar	19	do		1			Leg broken, pit car	*
18	Oscar Semar	23	Royalton	1		1	2	Arm broken, falling coal	47
22	Mike Dragich	30	Buckner		1			Toe broken, pit car	52
24	Martin Nosko	25	Royalton		1			Foot broken, falling coal	190
24	Leaton Frost	39	Logan	1		2	3	Finger cut off, machine	60
27	Nathan Overturf		Rend	1		3	4	Foot injured, tail chain	60
27	Pete Cumstay	55	W. Frankfort	1		1	2	Shoulder injured, falling prop	45
29	Henry Meyers	26	do	1		1	2	Leg injured, pit car	50
29	John Shilaskis	38	Logan	1			1	Rib broken, pit car	30
30	Chas. White	36	Grayson	1			1	Rib broken, falling slate	*
30	John Well	45	Orient	1		2	3	Arm cut off, pit car	*
30	Tony Valascus	33	W. Frankfort		1			Arm broken, pit car	78
30	Ray Haynes	18	Christopher		1			Legs injured, pit car	35
Dec. 2	Chas. Tissoni	30	Freeman		1			Leg injured, falling coal	60
2	Roy McCollum	17	W. Frankfort		1		1	Leg broken, motor	123
2	Evert Odom	18	Carriers Mills	1			1	Finger injured, pit car	44
3	John Yamash	53	Ledford	1		3	4	Foot injured, falling slate	*
4	Ed. Dillon	40	Eldorado		1	1	1	Leg injured, pit cars	32
4	Steve Sanka	37	Royalton	1		3	4	Toes injured, falling coal	36
6	John Sands	43	Rend	1		4	5	Foot broken, pit car	67
6	Joe Grazzoli	40	Buckner		1			Arm injured, fell down	34
6	Joe Abbott	25	Christopher		1			Back injured, pit car	38
7	Otis Wyatte	21	Carriers Mills		1			Leg broken, falling coal	93
7	Ignatis Saverio	50	W. Frankfort	1		5	6	do	90
8	Geo. Childs	37	Grayson	1		1	2	Leg broken, falling rock	56
10	John Carney	21	W. Frankfort		1			Body injured, pit car	31
13	John Stonick		Wasson		1			Body injured, falling slate	*
15	Wm. Dempsey	42	Grayson	1			1	do	50
18	Joe Byrnula	37	Royalton	1		2	3	Hand injured, pit car	47
22	Andy Cozy	53	Ledford	1			1	Leg broken, falling rock	177
22	Charles Smith	23	Zeigler	1			1	Foot injured, machine	153
23	D. Hunter	23	Eldorado	1			1	Foot broken, falling coal	*
23	P. Paletish	28	Sesser		1			Finger broken, pit car	40
24	H. Minson	65	do		1			Finger broken, falling coal	30
27	Tony Russell	23	Carriers Mills	1			1	Arm broken, pit car	86
27	Fred Shires	25	Harrisburg	1			1	Body injured, pit car	86
27	Cris Vemich	30	Christopher		1			Body injured, not stated	*
28	Mike Pontewich	38	Sesser	1		2	3	Back injured, falling coal	30

NONFATAL CASUALTIES, ELEVENTH DISTRICT, JUNE 30, 1916—continued.

Date.	Name.	Age.	Residence.	Married.	Single.	Children.	Dependents.	Character of injury and cause of accident.	Time lost—days.
1915									
Dec. 29	Mat Dye	39	Marissa	1	....	2	3	Body injured, pit car	30
30	Nels Gambine	25	W. Frankfort	1	....	3	4	Leg injured, pit car	106
1916									
Jan. 3	Taylor Bath	48	Harrisburg	1	....	4	5	Ankle broken, fell down	110
3	West Sands	41	Sesser	1	....	3	4	Fingers broken, pit car	80
3	A. Murray	22	..do	1	....	....	1	Finger injured, not stated	30
4	Stanley Doorysky	22	Royalton	....	1	....	....	Finger cut off, machine	58
4	Shird Burke	24	W. Frankfort	....	1	....	....	Finger cut off, motor	112
5	R. W. Williams	25	..do	1	....	....	1	Hand broken, pit car	60
5	A. Nicolusin	60	Christopher	....	1	....	....	Body injured, pit cars	128
5	Mark Adams	24	..do	....	1	....	....	Collar bone broken, pit car	*
6	Sherman Davis	48	Equality	1	....	5	2	Foot injured, machine	30
6	Pat Riley	63	Harrisburg	1	....	7	8	Arm broken, falling coal	63
9	A. J. Barnard	33	Dorrisville	1	....	2	3	Leg broken, cage	57
14	Dennis Clifford	36	W. Frankfort	....	1	....	....	Arm injured, fell down	45
17	Joe Arnoldi	35	Rend	1	....	....	1	Foot injured, machine	175
17	John Brandon	19	Grayson	....	1	....	....	Body injured, pit cars	133
18	Charles Braden	38	Eldorado	1	....	8	9	Foot injured, engine	64
19	Mike Bionsky	30	Royalton	....	1	....	....	Arm injured, pit car	41
22	Victor Chacer	31	Benton	1	....	5	6	Ankle broken, machine	35
24	Spitteli Septimo	33	Royalton	1	....	2	3	Rib broken, pit car	36
24	Wm. Lawrence	28	Christopher	1	....	1	2	Toes injured, motor	36
26	Tom Koorse	32	W. Frankfort	1	....	....	1	Body injured, not stated	65
28	Arthur Hudleston	39	Harrisburg	1	....	4	5	Leg broken, falling rock	128
Feb. 5	Nat Kearns	43	W. Frankfort	....	1	....	....	Foot injured, machine jack	52
5	Peter Purcell	34	Christopher	1	....	3	4	Collar bone broken, pit car	62
7	Carl Brokas	42	Rend	....	1	....	....	Leg broken, falling slate	101
7	Gaylord Lindsay	18	W. Frankfort	....	1	....	....	Eye destroyed, not stated	35
8	Joe Tornice	27	Logan	1	....	....	1	Finger injured, falling coal	30
8	Stanley Vachules	28	W. Frankfort	....	1	....	....	Collar bone broken, pit car	82
9	Jim Berra	35	Sesser	1	....	1	2	Ribs broken, pit car	30
9	W. J. Harris	31	..do	1	....	....	1	Shoulder injured, pit car	30
11	Richard Edwards	27	Christopher	....	1	....	....	Leg injured, motor	*
12	Orval Broshears	41	W. Frankfort	1	....	1	2	Leg broken, pit car	120
14	Geo. Ribeen	41	Zeigler	....	1	....	....	Wrist broken, pit car	34
14	Joe Bence	24	Wasson	....	1	....	....	Leg injured, pit car	*
14	Duncan Maxwell	33	Christopher	....	1	....	....	Foot injured, pit car	*
14	Ed. Bullock	18	Frankfort Hts.	....	1	....	....	Leg broken, not stated	39
14	Joe Petosky	24	Royalton	1	....	....	1	Fingers cut off, pit car	132
15	Mike Rooney	30	..do	....	1	....	....	Toe injured, mule	31
15	Martin Harper	20	Eldorado	....	1	....	....	Body burned, gas explosion	68
15	Thos. Nicolas	28	Christopher	....	1	....	....	Fingers broken, motor	*
17	Charles Seets	21	W. Frankfort	1	....	....	1	Foot cut off, motor	76
19	Paul Frakes	26	..do	....	1	....	....	Body injured, not stated	39
22	Wm. Merl	34	Grayson	1	....	3	4	Leg broken, falling coal	60
22	Wm. Little	19	Zeigler	1	....	....	1	Leg injured, pit car	42
23	Wm. Barren	23	W. Frankfort	....	1	....	....	Arm injured, pit car	*
24	Guy Wilson	35	Christopher	1	....	3	4	Body injured, falling coal	30
26	Ed. Patchett	28	W. Frankfort	....	1	....	1	Arm injured, machinery	42
28	Oscar Eaves	18	Grayson	....	1	....	1	Body injured, pit car	50
29	Lewis B. Williams	32	Rend	....	1	....	....	Finger broken, machine jack	33
Mar. 1	Ollie Mosely	26	W. Frankfort	1	....	....	1	Leg injured, pit car	39
1	Harry Maddox	26	..do	....	1	....	....	Finger broken, pit car	63
2	Otto Newman	40	Christopher	1	....	2	3	Body injured, falling coal	*
3	Fred Allen	35	Sesser	1	....	4	5	Toes cut off, falling slate	90
3	Cam Smith	24	Eldorado	....	1	....	....	Arm cut off, motor	157
6	Mike Gallic	42	W. Frankfort	1	....	....	1	Leg broken, pit car	*
7	Oscar Denton	17	Mulkeytown	....	1	....	....	Leg injured, pit car	60
7	Joe Colbert	18	W. Frankfort	....	1	....	....	Hand cut off, pit car	75
7	Joe Yards	30	..do	....	1	....	....	Ankle broken, jumped off scaffold	71
8	Pete Boxes	40	..do	....	1	....	....	Foot injured, falling coal	*
9	David Stewart	30	Christopher	1	....	....	1	Hand broken, cage falling	*
9	Frank Booker	35	..do	1	....	5	6	Leg broken, cage falling	*
9	Joe Forcas	30	..do	1	....	....	1	..do	*
9	Savo Brozettis	35	..do	....	1	....	....	Ankle broken, cage falling	*
9	John Daronia	35	..do	....	1	....	....	Leg broken, cage falling	*
9	Roy Spears	30	..do	1	....	1	2	Ankle broken, cage falling	*
9	Thos. Bullock	25	..do	1	....	....	1	Body injured, cage falling	*
9	Dom N. Bozzoni	35	..do	1	....	....	1	Leg broken, cage falling	*
9	Victorian Colin	25	..do	....	1	....	....	..do	*
9	Natal Rua	30	..do	....	1	....	....	Back injured, cage falling	*
9	Wm. Postron	45	..do	1	....	3	4	Foot broken, cage falling	*

NONFATAL CASUALTIES, ELEVENTH DISTRICT, JUNE 30, 1916—concluded.

Date.	Name.	Age.	Residence.	Married.	Single.	Children.	Dependents.	Character of injury and cause of accident.	Time lost—days.
1916									
Mar. 9	John Parlo	25	Christopher	1	....	....	1	Body injured, cage falling	*
9	Isadore Cappens	37	..do	1	....	2	3	Ankle broken, cage falling	*
9	Isiah Davis	45	..do	1	....	5	5	Body injured, cage falling	*
9	Fred Seibenshue	25	..do	....	1	....	....	Ankle broken, cage falling	*
9	A. Lindsay	25	..do	....	1	....	....	Head injured, cage falling	60
10	Jack Watson	36	Eldorado	1	....	3	4	Ankle injured, falling rock	34
11	Joe Totb	36	Ledford	1	..	3	4	Finger broken, falling rock	50
11	Thomas Stewart	25	Eldorado	....	1	....	....	Leg broken, premature blast	149
11	Tom Holbrook	40	W. Frankfort	1	....	1	2	Back injured, pit car	71
13	John Scabakas	26	..do	....	1	....	....	Body injured, pit car	120
13	Leslie Martin	17	..do	....	1	....	2	Foot cut off, pit car	120
16	H. T. Kraig	44	Wasson	1	....	7	8	Foot injured, switch	*
16	Walter Beilsney	31	Zeigler	....	1	....	....	Foot injured, machine	40
17	Frank Futrell	27	Harrisburg	1	....	....	1	Rib broken, motor	40
18	Mat Galis	24	Wasson	....	1	....	1	Body injured, falling slate	70
20	A. J. Kelly	38	Carriers Mills	1	....	6	7	Finger injured, machine	102
22	Sam Thompson	22	Atlanta, Ga	1	....	2	3	Body injured, pit car	100
23	John Cambell	38	Eldorado	1	....	....	1	Eyes destroyed, premature blast	*
23	Mike McClist	30	W. Frankfort	1	....	1	2	Finger broken, jack pipe	46
23	Chas. Beezande	48	..do	1	....	3	4	Eye destroyed, flying coal	70
31	O. E. Starks	28	..do	1	....	1	2	Body injured, not stated	30
Apr. 3	Steve Chunko	28	..do	....	1	....	....	Finger cut off, pit car	*
4	Edward Quarro	40	..do	1	....	2	3	Head injured, falling slate	*
4	John Bruce	32	Wasson	....	1	....	....	Body injured, pit car	70
8	Jeff Andrewkosky	26	W. Frankfort	....	1	....	....	Toe broken, motor	52
11	W. R. Overby	26	Carriers Mills	1	....	3	4	Back broken, falling slate	*
16	Jim Gomsai	25	Zeigler	....	1	....	....	Foot injured, pit cars	*
19	Joe Peacentino	33	Christopher	....	1	....	....	Arm broken, falling coal	48
23	John Carro	26	W. Frankfort	....	1	....	....	Leg injured, falling timber	35
24	J. T. Martin	46	Norris City	1	....	5	6	Body injured, falling timber	33
26	Mike Rooney	30	Royalton	....	1	....	....	Shoulder injured, kicked by mule	32
29	John Pimkos	41	..do	1	....	....	1	Finger injured, falling tie	39
May 1	Mike Smith	38	W. Frankfort	1	....	2	3	Body injured, falling coal	38
2	Felix Shubert	26	Sesser	1	....	1	2	Leg broken, motor	60
2	Frank Aloski	40	Christopher	1	....	2	3	Leg broken, pit car	*
3	Louis Rega	31	Logan	1	....	....	1	Body injured, machine	*
4	Charles Kreaner	30	Harrisburg	....	1	....	....	Toes broken, pit car	56
5	Joe Cavaona	35	Royalton	1	....	....	1	Toe injured, falling coal	72
5	T. J. Stevens	25	Christopher	1	....	....	1	Shoulder injured, pit car	50
8	Mack Sider	36	Muddy	1	....	2	3	Foot injured, pit car	58
8	Andy Bellow	40	W. Frankfort	1	....	2	3	Toe broken, pit car	*
8	G. B. Mitchell	33	Galatia	1	....	3	4	Leg injured, pit car	35
11	Lewis Natire	30	W. Frankfort	1	....	1	2	Toe broken, machine	*
12	Andrew Shillow	36	..do	1	....	....	1	Leg broken, falling coal	*
12	Chas. Echelbige	29	..do	1	....	....	1	Hand injured, switch	*
15	Louis Gavemit	40	..do	....	1	....	....	Leg broken, falling slate	*
15	M. T. Wickerson	24	..do	1	....	1	2	Leg injured, falling slate	*
15	Wm. Cozastkis	30	..do	....	1	....	....	Body injured, falling slate	*
16	Pete Dorris	32	Harrisburg	....	1	....	....	Head injured, falling rock	45
16	Steve Povich	27	Zeigler	....	1	....	....	Leg injured, struck by sledge	69
20	Homer Sands	28	W. Frankfort	....	1	....	....	Hand injured, pit car	*
21	E. Q. Cooper	31	Harrisburg	....	1	....	....	Wrist injured, pit car	35
21	Harry Richardson	22	W. Frankfort	....	1	....	....	Foot broken, pit car	*
23	John Ramsey	40	Christopher	1	....	2	3	Collar bone broken, pit car	*
24	Frank Grell	20	W. Frankfort	....	1	....	....	Body injured, falling coal	*
25	Robert Laughlin	42	Eldorado	1	....	3	4	Foot injured, pit car	43
28	James Pollard	35	Royalton	1	....	....	1	Hand cut off, pit car	89
29	Dan Marotti	28	W. Frankfort	1	....	1	2	Body injured, falling coal	*
31	John Pagannie	30	Christopher	1	....	....	1	Toe broken, dropped tie	40
June 2	Andy Bundy	33	W. Frankfort	1	....	1	2	Hand injured, electricity	*
8	Mike Pontovich	19	Sesser	....	1	....	....	Leg injured, motor	30
14	John Uskis	30	W. Frankfort	....	1	....	....	Toe cut off, machine	*
20	Chas. Rogers	35	..do	1	....	1	2	Leg broken, machine	*
28	Amos Braden	23	Logan	....	1	....	....	Toe cut off, pit car	*
	Total	..		154	125	285	441		

* Not returned to work July 1, 1916.

Number injured 279
Number not returned to work 63

Number returned 216

Time lost by men returned—days 15,247
Average days lost 70.59

RECAPITULATION OF FATAL ACCIDENTS, ELEVENTH DISTRICT, 1916.

Residence.	No.	Occupation.	No.	Cause of accident.	No.	Colliery.	No.
Atlanta, Ga.	1	Blacksmith	1	Cage	17	Bell & Zoller M. Co.	13
Benton	6	Cagers	8	Car door	2	Benton Coal Co.	4
Buckner	7	Carpenter	1	Electricity	1	Chi., Wilm. & F. C. Co.	21
Carriers Mills	7	Couplers	6	Engine	1	Christopher C. M. Co.	40
Christopher	49	Drivers	19	Falling coal	34	Durham Coal Co.	1
Dorrisville	5	Engineer	1	Falling rock	10	Eldorado C. M. Co.	5
Eldorado	18	Laborers	28	Falling slate	24	Franklin C. & C. Co.	26
Equality	1	Loaders	43	Falling timber	7	Galatin C. & C. Co.	1
Frankfort Heights	1	Machine helpers	8	Fell down	7	Harrisburg B. M. C. Co.	1
Freeman	2	Machine runners	20	Fell off box	1	Harrisburg-Saline C. Co.	1
Galatia	1	Mine examiner	1	Flying coal	5	John A. Logan C. Co.	6
Grayson	8	Miners	80	Flying steel	1	Middle Fork Min. Co.	1
Harrisburg	14	Motormen	7	Gas explosion	7	O'Gara Coal Co.	15
Ledford	7	Shot firers	2	Jumped off scaffold	1	Old Ben. Coal Corp.	43
Logan	6	Spragger	1	Machine	26	Producers Coal Co.	6
Marissa	1	Timbermen	4	Motor	18	W. P. Rend Coal Co.	8
Muddy	1	Trackmen	6	Mule	2	Saline Co. Coal Co.	33
Mulkeytown	2	Trappers	2	Pit cars	98	Sesser Coal Co.	13
Norris City	1	Trip riders	41	Powder explosion	1	Taylor Coal Mining Co.	2
Orient	2			Premature shot	3	United Coal Min. Co.	19
Rend	7			Struck by sledge	1	Wasson Coal Co.	14
Royalton	27			Switch	2	West Frankfort C. Co.	5
Sesser	13			Tail chain	1	White Co. Mining Co.	1
Streator	1			Not stated	9		
Wasson	8						
West Frankfort	71						
Zeigler	12						
Total	279		279		279		279

RECAPITULATION OF NONFATAL CASUALTIES, NATURE OF INJURIES, CONJUGAL RELATIONS, AND TIME LOST, ELEVENTH DISTRICT, 1916.

Nature of injuries.	Number.	Married.	Single.	Children.	Dependents.	Time lost—days.		Percentage of injuries.
						Total.	Average.	
Ankles broken[1]	9	6	3	15	21	601	120.20	3.22
Ankles injured[2]	2	2	.....	4	6	84	84.00	.72
Arms broken[2]	8	5	3	12	15	433	61.86	2.87
Arms cut off[2]	2	1	1	2	3	157	157.00	.72
Arms injured	8	2	6	1	3	283	35.37	2.87
Back broken[2]	1	1	.....	3	4	.....	.....	.36
Backs injured[2]	5	3	2	6	9	176	44.00	1.79
Bodies burned	8	2	6	3	6	573	71.63	2.87
Bodies injured[3]	40	20	20	35	56	1,660	59.29	14.34
Collar bones broken[4]	6	4	2	10	10	230	57.50	2.15
Eyes destroyed[2]	5	2	3	3	6	225	56.25	1.79
Eyes injured	1	.....	1	.....	.....	42	42.00	.36
Feet broken[5]	11	5	6	8	13	762	127.00	3.94
Feet cut off	3	2	1	1	7	349	116.33	1.08
Feet injured[5]	21	13	8	39	47	1,183	73.94	7.52
Fingers broken[2]	15	7	8	21	29	829	59.21	5.38
Fingers cut off[2]	8	4	4	6	10	473	67.57	2.87
Fingers injured	8	8	.....	16	23	313	39.13	2.87
Hands broken[4]	9	4	5	7	11	505	72.14	3.22
Hands cut off	2	1	1	.....	1	164	82.00	.72
Hands injured[6]	9	6	3	10	16	273	45.50	3.22
Heads injured[4]	10	7	3	7	14	636	79.50	3.58
Legs broken[3]	34	21	13	38	64	2,323	105.59	12.19
Legs injured[6]	24	9	15	14	24	1,705	81.19	8.60
Pelvis broken	1	1	.....	2	3	49	49.00	.36
Ribs broken[2]	10	8	2	10	18	481	55.67	3.58
Shoulders injured	6	3	3	1	4	273	45.50	2.15
Toes broken[4]	6	3	3	3	6	200	50.00	2.15
Toes cut off[4]	3	1	2	4	5	90	90.00	1.08
Toes injured	4	3	1	4	7	175	43.75	1.43
Total	279	154	125	285	441	15,247	70.59	100.00

[1] Four not returned to work.
[2] One not returned to work.
[3] Twelve not returned to work.
[4] Two not returned to work.
[5] Five not returned to work.
[6] Three not returned to work.

GALLATIN COUNTY,

Number.	Name of operator.	Post-office address of the mine.	Output of mines in tons.				Tons loaded on cars for shipment.
			Mine run.	Lump.	Other grades.	Total.	
	SHIPPING MINES.						
1	Gallatin Coal & Coke Co.	Equality	8,932	3,500	13,117	25,549	14,820
2	Hickory Hill Coal Co.	Junction, R. F. D. No. 2	.....	16,000	9,000	25,000	23,300
	Total		8,932	19,500	22,117	50,549	38,120
	LOCAL MINES.						
1	W. R. Chinn	Junction	.....	6,250	250	6,500	.....
2	H. C. Harilson	Equality	.....	3,000	1,000	4,000	.....
3	Harrison Bros	..do	.....	3,000	1,000	4,000	.....
4	E. P. McCabe	Shawneetown	.....	600	200	800	.....
5	T. H. Clark	..do	.....	640	60	700	.....
6	Jacob Spitzner	Equality	.....	500	125	625	.....
7	Lee Siddnes	Junction, R. F. D., No. 1	.....	600	.....	600	.....
8	James T. Calbert	Equality	.....	200	.....	200	.....
9	George Brinkley	..do	.....	120	.....	120	.....
	Total		.....	14,910	2,635	17,545	.....
	Total—11 mines		8,932	34,410	24,752	68,094	38,120

Mines in 1915, 7. New mines, 5. Abandoned mines, 1. Mines in 1916, 11.

FRANKLIN COUNTY,

	SHIPPING MINES.						
1	Old Ben Coal Corporation, No. 8	W. Frankfort	3,934	245,644	689,290	938,868	803,410
2	Bell & Zoller Mining Co., No. 1	Zeigler	825	120,013	812,174	933,012	862,508
3	Old Ben Coal Corporation, No. 9	W. Frankfort	7,620	66,787	669,244	743,651	580,269
4	Chi., Wilm. & Frank. C. Co., No. 1	Orient	12,967	154,236	555,347	722,550	608,056
5	United Coal Corporation, No. 2	Christopher	.....	148,990	559,431	708,421	625,085
6	Sesser Coal Co., No. 1	Sesser	2,658	94,986	575,926	673,570	510,484
7	Christopher Coal Mining Co., No. 1	Christopher	16,227	147,617	508,118	671,962	576,424
8	Franklin Coal & Coke Co., No. 1	Royalton	61,757	110,155	401,672	573,584	408,400
9	United Coal Corporation, No. 1	Christopher	.....	120,279	451,886	572,165	492,437
10	Christopher Coal Mining Co., No. 2	Christopher	7,195	106,498	408,301	521,994	355,756
11	West Frankfort Coal Co., No. 1	W. Frankfort	.....	100,345	335,937	436,282	402,832
12	Benton Coal Co	Benton	18,013	86,781	321,140	425,934	413,629
13	Producers Coal Co., No. 19	W. Frankfort	6,776	48,428	199,622	254,826	246,389
14	W. P. Rend Collieries Co., No. 1	Rend	10,027	32,732	204,571	247,330	156,722
15	Taylor Mining Co., P. R.	Herrin	7,122	59,947	141,755	208,824	164,315
16	Producers Coal Co., No. 18	W. Frankfort	42,962	27,104	132,995	203,061	195,287
17	John A. Logan Coal Co., No. 1	Logan	7,155	18,831	124,490	150,476	140,866
18	Middle Fork Mining Co	Benton	10,557	8,689	31,869	51,115	48,115
19	Franklin Coal & Coke Co., No. 2	Royalton	18,329	2,692	12,165	33,186	10,211
	Total—19 mines		234,124	1,700,754	7,135,933	9,070,811	7,601,195

Mines in 1915, 18. New mines, 2. Abandoned mines, 1. Mines in 1916, 19.

ELEVENTH DISTRICT, 1916.

Disposition of output.				Kegs of powder used for blasting coal.	Pounds of permissible explosives used.	Days of active operation.	Total number employed.	Tons mined.		Mining machines—number in use.	Accidents.		Number of motors in use.	Number of animals under ground.	
Tons supplied to locomotives at the mines.	Tons sold to railroad companies and loaded on cars.	Tons sold to local trade.	Tons consumed or wasted at the mine.					By hand.	By machine.		Killed.	Injured.			Number.
.....	8,500	1,629	600	1,362	.....	135	63	24,198	1,351	2	..	1	1	2	1
.....	.....	200	1,500	360	.....	141	72	.....	25,000	3	..	....	....	9	2
.....	8,500	1,829	2,100	1,722	.....	138	135	24,198	26,351	5	..	1	1	11	
.....	.....	6,500	.....	600	.....	200	6	6,500	.....	....	..	....	....	....	1
.....	.....	4,000	.....	200	.....	200	7	4,000	.....	....	..	....	....	....	2
.....	.....	4,000	.....	200	.....	200	7	4,000	.....	....	..	....	....	....	3
.....	.....	800	.....	30	.....	150	2	800	.....	....	..	....	....	....	4
.....	.....	700	.....	.....	.....	100	3	700	.....	....	..	....	....	....	5
.....	.....	625	.....	50	.....	290	3	625	.....	....	..	....	....	....	6
.....	.....	600	.....	50	.....	120	3	600	.....	....	..	....	....	....	7
.....	.....	200	.....	17	.....	40	2	200	.....	....	..	....	....	....	8
.....	.....	120	.....	10	.....	24	1	120	.....	....	..	....	....	....	9
.....	.....	17,545	.....	1,157	.....	147	34	17,545	.....	....	..	....	....	....	
.....	8,500	19,374	2,100	2,879	.....	145	169	41,743	26,351	5	..	1	1	11	

ELEVENTH DISTRICT, 1916.

.....	105,429	7,510	22,519	.....	129,150	193	664	.....	938,868	29	..	20	12	....	1
658	31,782	1,752	36,312	.....	148,250	253	705	14,666	918,346	29	3	13	22	1	2
.....	131,689	4,186	27,507	.....	121,300	220	651	.....	743,651	30	4	23	14	....	3
.....	98,513	665	15,316	.....	141,050	217	629	.....	722,550	18	2	21	13	....	4
.....	63,514	2,563	17,259	.....	148,575	193	665	.....	708,421	22	..	10	14	....	5
.....	145,000	.....	18,086	.....	80,776	258	662	108,468	565,102	27	2	13	14	10	6
.....	76,589	2,863	16,086	.....	89,850	255	490	65,524	606,438	23	1	11	18	2	7
.....	139,018	3,394	22,772	9,403	.....	211	550	117,497	456,087	18	1	25	9	10	8
.....	55,388	2,128	22,212	.....	88,275	214	482	.....	572,165	20	9	9	12	....	9
.....	148,655	1,061	16,522	.....	88,075	174	483	62,703	459,291	22	2	29	12	....	10
.....	18,898	5,552	9,000	.....	54,375	235	359	.....	436,282	16	..	5	4	14	11
.....	.....	12,305	.....	.....	70,550	205	575	.....	425,934	20	2	4	3	26	12
.....	.....	429	8,008	.....	55,450	143	396	.....	254,826	42	1	2	3	22	13
.....	74,000	1,339	15,269	.....	61,050	148	334	.....	247,330	20	1	8	3	22	14
.....	38,365	753	5,391	2,340	.....	156	219	.....	208,824	21	..	2	2	10	15
.....	.....	332	7,442	.....	46,225	170	305	.....	203,061	15	3	4	6	....	16
.....	4,211	1,349	4,050	.....	36,025	148	244	.....	150,476	17	2	6	1	18	17
.....	.....	2,000	1,000	25	15,000	194	117	.....	51,115	2	..	1	....	4	18
.....	20,479	.....	2,496	1,350	.....	96	76	33,186	.....	....	..	1	....	....	19
658	1,151,530	50,181	267,247	13,118	1,373,976	194	8,606	402,044	8,668,767	391	33	207	162	139	

SALINE COUNTY,

Number.	Name of operator.	Post-office address of the mine.	Output of mines in tons. Mine run.	Lump.	Other grades.	Total.	Tons loaded on cars for shipment.
	SHIPPING MINES.						
1	Wasson Coal Co., No. 1	Wasson	116,793	148,600	307,645	573,038	567,228
2	O'Gara Coal Co., No. 9	Harrisburg	119,962	258,217	148,497	526,676	508,895
3	Saline County Coal Co., No. 3	..do	17,818	91,774	388,477	498,069	486,202
4	O'Gara Coal Co., No. 1	..do	40	88,598	317,621	406,259	391,363
5	Eldorado Coal & Mining Co., No. 1	Eldorado	72,280	149,921	166,403	388,604	244,892
6	Saline County Coal Co., No. 2	Harrisburg	57,308	80,579	231,607	369,494	361,013
7	O'Gara Coal Co., No. 11	..do	95,370	97,745	158,935	352,050	343,024
8	O'Gara Coal Co., No. 10	..do	67,419	103,696	166,557	337,672	321,187
9	Saline County Coal Co., No. 6	..do	3,792	94,167	119,647	217,606	211,086
10	Wasson Coal Co., No. 2	Carriers Mills	8,721	89,124	79,704	177,549	177,513
11	Harrisburg B. M. C. Co., No. 12	Harrisburg	15,617	42,596	90,885	149,098	144,071
12	O'Gara Coal Co., No. 4	..do	558	90,781	55,434	146,773	138,335
13	Harrisburg-Saline Col. Co., No. 15	..do	13,609	34,346	83,971	131,926	127,997
14	O'Gara Coal Co., No. 8	..do	126	37,402	56,395	93,923	91,060
15	Harrisburg B. M. C. Co., No. 14	..do	.....	21,254	25,656	46,910	43,871
16	O'Gara Coal Co., No. 3	..do	.....	23,116	11,825	34,941	33,191
17	Durham Coal Co., No. 1	Galatia	10,306	3,809	12,359	26,474	11,781
	Total		599,719	1,455,725	2,421,618	4,477,062	4,202,709
	LOCAL MINES.						
1	Lone Star Coal Co	Carriers Mills	.....	7,500	1,650	9,150	.....
2	Jess Raymer	Eagle	4,000	.....	125	4,125	.....
3	Elder & Bixler	Carriers Mills	.....	2,586	1,109	3,695	.....
4	Dorris Coal Co	Dorrisville	1,350	400	300	2,050	.....
5	R. L. Clements	Mitchellsville	1,000	.....	.....	1,000	.....
6	Jessie Allen	Equality	960	.....	.....	960	.....
7	Louis Dunn	Stonefort	700	.....	50	750	.....
8	S. J. Moore	Equality	600	.....	30	630	.....
9	John Yates	..do	.....	500	130	630	.....
10	W. R. Henshaw	Stonefort	.....	400	160	560	.....
11	Dorris Coal Co., No. 1	Mitchellsville	250	100	75	425	.....
12	Almon Russel	Harrisburg	.....	217	125	412	.....
13	Mag Sisk	Equality	.....	387	25	342	.....
14	T. L. Osborn	..do	.....	240	.....	240	.....
15	Henry Biggs	Stonefort	100	75	25	200	.....
16	J. F. Colbert	Derby	120	.....	25	145	.....
17	Willis Henson	Harrisburg	50	40	25	115	.....
18	Job Ingram	..do	40	50	20	110	.....
19	Pat H. Ross	Stonefort	40	30	.....	70	.....
20	John Yates	Equality	.....	50	.....	50	.....
21	Logan Dunn	Stonefort	25	15	5	45	.....
22	Logan Dunn	..do	25	.....	10	35	.....
	Total		9,260	12,590	3,889	25,739	.....
	Total—39 mines		608,979	1,468,315	2,425,507	4,502,801	4,202,709

Mines in 1915, 34. New mines, 8. Abandoned mines, 3. Mines in 1916, 39.

WHITE COUNTY,

	SHIPPING MINES.						
1	White County Mining & Power Co.	Norris City	12,626	6,383	8,142	27,151	9,740

Mines in 1915, 1. Mines in 1916, 1.

ELEVENTH DISTRICT, 1916.

Disposition of output.				Kegs of powder used for blasting coal.	Pounds of permissible explosives used.	Days of active operation.	Total number employed.	Tons mined		Mining machines—number in use.	Accidents.		Number of motors in use.	Number of animals under ground.	Number.
Tons supplied to locomotives at the mines.	Tons sold to railroad companies and loaded on cars.	Tons sold to local trade.	Tons consumed or wasted at the mine.					By hand.	By machine.		Killed.	Injured.			
.....	.....	360	5,450	4,180	.....	259	492	.....	573,038	12	1	11	5	22	1
.....	.....	3,208	14,573	5,059	5,079	188	478	.....	526,676	18	..	2	3	42	2
.....	.....	4,022	7,845	.....	.....	231	450	.....	498,069	10	1	10	16	....	3
.....	.....	181	14,715	5,101	.....	229	310	.....	406,259	15	..	2	2	28	4
.....	136,578	.....	7,134	4,307	9,850	230	308	40,578	348,026	12	..	5	3	23	5
.....	.....	1,321	7,160	5,300	160	209	359	.....	369,494	11	..	11	4	36	6
.....	.....	7	9,019	3,860	.....	210	277	.....	352,050	11	..	1	1	....	7
.....	.....	9,489	6,996	3,707	.....	206	290	.....	337,672	15	1	6	3	40	8
.....	.....	1,056	5,464	2,000	.....	205	232	.....	217,606	11	..	12	1	15	9
.....	.....	36	.....	2,621	.....	277	151	.....	177,549	8	1	3	5	....	10
.....	.....	922	4,105	1,668	.....	164	224	.....	149,098	13	2	1	1	....	11
.....	.....	6,022	2,416	1,158	.....	107	280	.....	146,773	10	..	1	2	....	12
.....	.....	27	3,902	1,930	.....	126	314	.....	131,926	10	1	1	2	....	13
.....	.....	.....	2,863	1,080	.....	127	201	.....	93,923	11	..	2	2	30	14
.....	.....	462	2,577	591	.....	61	173	.....	46,910	6	..	....	2	....	15
.....	.....	.....	1,750	390	.....	49	178	.....	34,941	12	1	1	2	18	16
7,807	703	4,550	1,633	1,345	.....	193	51	26,474	.....	....	1	1	....	3	17
7,807	137,281	31,663	97,602	44,297	15,089	181	4,768	67,052	4,410,010	185	9	70	54	257	
.....	.....	8,850	300	250	.....	300	6	9,150	.....	....	..	....	....	....	1
.....	.....	4,125	.....	19	.....	150	3	4,125	.....	....	..	....	....	....	2
.....	.....	3,695	.....	175	.....	308	5	3,695	.....	....	..	....	....	....	3
.....	.....	2,050	.....	55	.....	125	5	2,050	.....	....	..	....	....	....	4
.....	.....	1,000	.....	20	.....	62	4	1,000	.....	....	..	....	....	....	5
.....	.....	960	.....	80	.....	256	4	960	.....	....	..	....	....	....	6
.....	.....	750	.....	20	.....	47	4	750	.....	....	..	....	....	....	7
.....	.....	630	.....	37	.....	100	2	630	.....	....	..	....	....	....	8
.....	.....	600	30	32	.....	52	2	630	.....	....	..	....	....	....	9
.....	.....	480	80	75	.....	200	3	560	.....	....	..	....	....	....	10
.....	.....	425	.....	15	.....	60	4	425	.....	....	..	....	....	....	11
.....	.....	412	.....	15	.....	50	3	412	.....	....	..	....	....	....	12
.....	.....	342	.....	8	.....	75	2	342	.....	....	..	....	....	....	13
.....	.....	.....	240	15	.....	60	3	240	.....	....	..	....	....	....	14
.....	.....	200	.....	10	.....	40	2	200	.....	....	..	....	....	....	15
.....	.....	120	25	8	.....	25	2	145	.....	....	..	....	....	....	16
.....	.....	105	10	6	.....	20	2	115	.....	....	..	....	....	....	17
.....	.....	110	.....	7	.....	12	2	110	.....	....	..	....	....	....	18
.....	.....	70	.....	10	.....	20	2	70	.....	....	..	....	....	....	19
.....	.....	50	.....	8	.....	25	1	50	.....	....	..	....	....	....	20
.....	.....	45	.....	2	.....	10	2	45	.....	....	..	....	....	....	21
.....	.....	35	.....	2	.....	10	2	35	.....	....	..	....	....	....	22
.....	.....	25,054	685	869	.....	91	65	25,739	.....	....	..	....	....	....	
7,807	137,281	56,717	98,287	45,166	15,089	130	4,833	92,791	4,410,010	185	9	70	54	257	

ELEVENTH DISTRICT, 1916.

5,713	1,824	7,363	2,511	180	.....	129	60	.....	27,151	2	..	1	....	6	1

RECAPITULATION BY COUNTIES, ELEVENTH DISTRICT, 1916.

	Franklin.	Gallatin.	Saline.	White.	Total.
Number of mines	19	11	39	1	70
Shipping	19	2	17	1	39
Local	.....	9	22	.....	31
Production in tons	9,070,811	68,094	4,502,801	27,151	13,668,857
Shipping	9,070,811	50,549	4,477,062	27,151	13,625,573
Local	.....	17,545	25,739	.....	43,284
Mine run	234,124	8,932	608,979	12,626	864,661
Shipping	234,124	8,932	599,719	12,626	855,401
Local	.....	.....	9,260	.....	9,260
Lump	1,700,754	34,410	1,468,315	6,383	3,209,862
Shipping	1,700,754	19,500	1,455,725	6,383	3,182,362
Local	.....	14,910	12,590	.....	27,500
Other grades	7,135,933	24,752	2,425,507	8,142	9,594,334
Shipping	7,135,933	22,117	2,421,618	8,142	9,587,810
Local	.....	2,635	3,889	.....	6,524
Disposition of output	9,070,811	68,094	4,502,801	27,151	13,668,857
Loaded on cars for shipment	7,601,195	38,120	4,202,709	9,740	11,851,764
Other purposes	1,469,616	29,974	300,092	17,411	1,817,093
Shipping	1,469,616	12,429	274,353	17,411	1,773,809
Local	.....	17,545	25,739	.....	43,284
Kegs of powder used, blasting coal	13,118	2,879	45,166	180	61,343
Shipping	13,118	1,722	44,297	180	59,317
Local	.....	1,157	869	.....	2,026
Days of active operation (average)	194	145	130	129	149
Shipping	194	138	181	129	184
Local	.....	147	91	.....	107
Employees	8,606	169	4,833	60	13,668
Shipping	8,606	135	4,768	60	13,569
Local	.....	34	65	.....	99
Under ground	7,548	142	4,469	49	12,208
Shipping	7,548	111	4,416	49	12,124
Local	.....	31	53	.....	84
Above ground	1,058	27	364	11	1,460
Shipping	1,058	24	352	11	1,445
Local	.....	3	12	.....	15
Tons mined by hand	402,044	41,743	92,791	.....	536,578
Shipping	402,044	24,198	67,052	.....	493,294
Local	.....	17,545	25,739	.....	43,284
Tons mined by machine	8,668,767	26,351	4,410,010	27,151	13,132,279
Shipping	8,668,767	26,351	4,410,010	27,151	13,132,279
Number of machines in use	391	5	185	2	583
Shipping	391	5	185	2	583
Number of motors in use	162	1	54	.....	217

RECAPITULATION BY COUNTIES, ELEVENTH DISTRICT, 1916—concluded.

	Franklin.	Gallatin.	Saline.	White.	Total.
Number killed	33	.....	9	.....	42
Shipping	33	.....	9	.....	42
Number injured	207	1	70	1	279

Whole number of mines reported for 1915, 60.
Number of new mines opened during the year, 15.
Number of mines abandoned during the year, 5.
Whole number of mines reported for 1916, 70.

NOTE.—The mines referred to in the text, page 243, as O'Gara Coal Company Nos. 12, 14 and 15, are listed throughout this report as Harrisburg-Big Muddy Coal Company Nos. 12 and 14, and Harrisburg-Saline Collieries Company Mo. 15.

TWELFTH INSPECTION DISTRICT—1916.

COUNTIES—JOHNSON AND WILLIAMSON. JAMES S. REID, *Inspector.*

Hon. J. F. Morris, Chief Clerk, State Mining Board, Springfield,

SIR: Complying with section 5 of the General Mining Law of Illinois, I submit herewith the annual report of the coal producing counties of Johnson and Williamson.

SUMMARY OF THE ITEMS IN THE REPORT.

Number of counties producing coal	2
Number of shipping mines	30
Number of local mines	15
Number of new or reopened mines	4
Number of closed or abandoned mines	9
Number of miners	3,141
Others under ground, men	4,345
Boys under ground	189
Boys above ground	4
Others above ground	903
Total number of employees	8,582
Total tons of coal produced	7,906,509
Days of active operation, all mines	177
Kegs of powder used for blasting coal	216,503
Tons of coal shipped	5,031,205
Tons supplied to locomotives	1,475
Tons sold to railroad companies	2,480,440
Tons sold to local trade	58,360
Tons consumed and wasted at mines	335,029
Number of fatal accidents	23
Number of nonfatal accidents	87
Number of employees to each fatal accident	371
Number of employees to each nonfatal accident	98
Tons of coal produced to each fatal accident	343,761
Tons of coal produced to each nonfatal accident	90,879
Ratio of fatal accidents per 1,000 employees	2.70

The following table gives the total tonnage by counties, for the years 1915 and 1916, with increase or decrease:

Counties.	Total output—tons—1915.	Total output—tons—1916.	Increase.	Decrease.
Johnson	3,579	1,981	.....	1,598
Williamson	7,216,188	7,904,528	688,340	.....
Total	7,219,767	7,906,509	688,340	1,598
Net	.....	.....	686,742	.....

NEW MINES.

The following are the new or reopened mines: Cambria Coal Co., Johnson City; J. S. McNeil, Carterville; M. T. Bateman, Herrin; Charles Motsinger, Crab Orchard.

ABANDONED OR CLOSED MINES.

The following mines have not been in operation this year: Carterville Coal Co., Burr "C" mine; Taylor Mining Co., Walnut Ridge mine; Henry T. Simpson; G. E. Hampton; George A. Phillips; Tyler & Baker; O'Neil & Parker; Frank Stone, W. T. Kilgore.

Change of Name.

Standard Collieries Co. to Searls Coal Co.; Brinkley-Miles to E. McClanahan; Stalcup & Montgomery to J. W. Stalcup; Carlile & McNeil to Waldron & Brayfield.

Improvements.

Chicago & Carterville Coal Company, at mine "A," Herrin, has erected a new steel and concrete re-screening plant. At mine "B" three water tube boilers of 1,000 horsepower, one 500 kilowatt generating unit with all auxiliaries, electric pumps and motors, have been installed, and extensive repairs made on the washer, head frame and tipple, at a total cost of $125,000.

The Madison Coal Corporation, at both mines, No. 8 and No. 9, has erected a large concrete block washhouse, equipped with steel lockers, at an approximate cost of $2,700 each. At No. 9 mine, a small concrete block washhouse for the mine manager and his assistants, has been built; two boilers, which were moved from No. 4 mine, installed; one 150 kilowatt and one 70 kilowatt generator, one generator engine and one engine for driving the 70 kilowatt generator were installed.

Fatal Accidents.

August 28, 1915, Harrison Hill, miner, age 28 years, married, was killed in Peabody Coal Company's No. 3 mine, Marion, Williamson County. Deceased was helping switch cars when he was caught between a car and coal rib and head crushed. He leaves a widow and one child.

August 30, 1915, Thomas E. Curry, trapper, age 18 years, single, employed in Johnston City Coal Company's mine, Johnston City, Williamson County, was killed by pit cars. Deceased stepped in front of a trip of loaded cars which ran over him.

September 3, 1915, George Emmet, miner, age 55 years, married, was killed in Big Muddy Coal and Iron Company's No. 8 mine, Clifford, Williamson County. Deceased had lighted a shot in his room and retired to an adjoining room; when the shot exploded it blew through and killed him. He leaves a widow and four children.

September 17, 1915, Joe Stocks, miner, age 58 years, married, was killed by a fall of slate in Hafer Washed Coal Company's No. 3 mine, Carterville, Williamson County. He leaves a widow and four children.

September 18, 1915, Henry Morning, miner, age 48 years, married, was killed at his working place in Chicago-Carterville Coal Company's mine "B," Herrin, Williamson County, by a fall of coal and slate. He leaves a widow and four children.

October 16, 1915, Joe Geraddi, miner, age 20 years, single, was killed while pulling pillars by a fall of top coal in Johnston City Coal Company's mine, Johnston City, Williamson County.

October 18, 1915, John Varnum, age 40 years, laborer, single, was killed by railroad cars in W. P. Rend Coal and Coke Company's No. 2 mine, Wever, Williamson County.

October 29, 1915, Albert M. Ashworth, shotfirer, age 32 years, married, was killed by a fall of slate, caused by a shot blowing through the pillar and knocking out props, in Chicago-Carterville Coal Company's mine "B," Herrin, Williamson County. He leaves a widow and six children.

November 16, 1915, Cecil Murry, miner, age 22 years, married, was run over by pit car and killed in Pond Creek Coal Company's mine, Herrin, Williamson County. He leaves a widow.

November 22, 1915, Samuel Jones, miner, age 45 years, married, was killed by falling coal in Williamson County Coal Company's mine, Johnston City, Williamson County. He leaves a widow and five children.

November 23, 1915, Leo Mollico, miner, age 53 years, married, was run over by a motor and instantly killed in Madison Coal Corporation's No. 9 mine, Colpville, Williamson County. He leaves a widow and six children.

November 28, 1915, Edward Wise, carpenter, age 24 years, married, fell down the shaft and was killed in Searls Coal Company's mine, Johnston City, Williamson County. He leaves a widow and two children.

November 30, 1915, Henry Beltz, timberman, age 56 years, married, was killed by falling slate in Taylor Mining Company's mine No. 2, Herrin, Williamson County. He leaves a widow and six children.

November 30, 1915, Augustus Prattolo, miner, age 37 years, married, was killed in Western Coal and Mining Company's mine, Bush, Williamson County. Deceased was standing near the track when a car left the rail and struck him. He lived seven hours after accident. He leaves a widow.

December 17, 1915, Earnest Culrell, driver, age 27 years, married, was caught between car and coal rib and killed in No. 2 mine, Taylor Mining Company, Herrin, Williamson County. He leaves a widow.

January 3, 1916, Will Chamness, miner, age 23 years, married, was killed in Carterville and Herrin Coal Company's mine, Herrin, Williamson County, by falling slate. He leaves a widow and three children.

January 7, 1916, Guy McNeil, miner, age 29 years, single, was killed by a fall of slate in Taylor Mining Company's No. 2 mine, Herrin, Williamson County.

January 13, 1916, John Stodgill, driver, age 18 years, single, was killed by being struck by a pit car which had left the track in Consolidated Coal Company's mine, Johnston City, Williamson County.

February 15, 1916, Robert McDail, miner, age 30 years, married, was killed by a fall of slate in Chicago and Carterville Coal Company's mine "A," Herrin, Williamson County. He leaves a widow and two children.

February 15, 1916, Elmer Yates, trapper, age 16 years, single, was caught between pit car and coal rib and killed in Johnston City Coal Company's mine, Johnston City, Williamson County.

February 18, 1916, Bert Allsupp, driver, age 21 years, married, was injured in Madison Coal Corporation's No. 9 mine, Colpville, Williamson County and died in the hospital at Herrin. Deceased was driving and his mule fell down throwing him off the car. He leaves a widow and two children.

April 17, 1916, Neil Howard, miner, age 37 years, married was killed by falling slate in Young Bros.' mine, Carterville, Williamson County. He leaves a widow.

June 26, 1916, Chester Robinson, laborer, age 19 years, single, employed by the Big Muddy Coal and Iron Company, mine No. 7, Herrin, Williamson County, was caught between two railroad cars and crushed to death.

Respectfully submitted,

JAMES S. REID,
State Inspector of Mines, Twelfth District, Carterville, Ill.

FATAL CASUALTIES, TWELFTH DISTRICT, JUNE 30, 1916.

Date.	Name.	Age.	Occupation.	Residence.	Married	Single.	Widow.	Children.	Dependents.	Cause of death.
1915										
Aug. 28	Harrison Hill	28	Miner	Marion	1	..	1	1	2	Caught between car and rib.
30	Thomas E. Curry	18	Trapper	Johnston City	..	1	..	..	..	Pit car.
Sept. 3	George Emmet	55	Miner	Clifford	1	..	1	4	5	Shot explosion.
17	Joe Stocks	58	..do	Carterville	1	..	1	4	3	Falling slate.
18	Henry Morning	48	..do	Herrin	1	..	1	4	5	Falling slate.
Oct. 16	Joe Geraddi	20	..do	Johnston City	..	1	..	..	..	Falling coal.
18	John Varnum	40	Laborer	Wever	..	1	..	..	..	Railroad cars.
29	Albert M. Ashworth	32	Shot firer	Herrin	1	..	1	6	7	Falling slate.
Nov. 16	Cecil Murry	22	Miner	..do	1	..	1	..	1	Pit car.
22	Samuel Jones	45	..do	Johnston City	1	..	1	5	6	Falling coal.
23	Leo Mollico	53	..do	Colpville	1	..	1	6	7	Motor.
28	Edward Wise	24	Carpenter	Johnston City	1	..	1	2	3	Fell down shaft.
30	Henry Beltz	56	Timberman	Fordville	1	..	1	6	7	Falling slate.
30	Augustus Prattolo	37	Miner	Bush	1	..	1	..	1	Pit car.
Dec. 17	Earnest Culrell	27	Driver	Herrin	1	..	1	..	1	Caught between car and rib.

FATAL CASUALTIES, TWELFTH DISTRICT, JUNE 30, 1916—concluded.

Date.	Name.	Age.	Occupation.	Residence.	Married.	Single	Widow.	Children.	Dependents.	Cause of death.
1916										
Jan. 3	Will Chamness	23	Miner	Herrin	1	..	1	3	4	Falling slate.
7	Guy McNeil	29	..do	..do	..	1	..	..	..	Falling slate.
13	John Slodgill	18	Driver	Johnston City	..	1	..	..	..	Pit car.
Feb. 15	Robert McDail	30	Miner	Herrin	1	..	1	2	3	Falling slate.
15	Elmer Yates	16	Trapper	Johnston City	..	1	..	..	..	Caught between car and rib.
18	Bert Allsupp	21	Driver	Cambria	1	..	1	2	3	Pit car.
Apr. 17	Neil Howard	37	Miner	Carterville	1	..	1	..	1	Falling slate.
June 26	Chester Robinson	19	Laborer	Herrin	..	1	..	..	..	Railroad cars.
	Total	..			16	7	16	45	59	

RECAPITULATION OF FATAL ACCIDENTS, TWELFTH DISTRICT, 1916.

Residence.	No.	Occupation.	No.	Cause of accident.	No.	Colliery.	No.
Bush	1	Carpenter	1	Caught between car and rib	3	Big Muddy C. & I. Co.	2
Cambria	1	Drivers	3	Falling coal	2	Carterville & Her. C. Co.	1
Carterville	2	Laborers	2	Falling slate	8	Chi. & Carterville C. Co.	3
Clifford	1	Miners	13	Fell down shaft	1	Consolidated Coal Co.	1
Colpville	1	Shot firer	1	Motor	1	Hafer Washed C. Co.	1
Fordville	1	Timberman	1	Pit cars	5	Johnston City C. Co.	3
Herrin	8	Trappers	2	Railroad cars	2	Madison Coal Corp.	2
Johnston City	6			Shot explosion	1	Peabody Coal Co.	1
Marion	1					Pond Creek Coal Co.	1
Wever	1					W. P. Rend Coal Co.	1
						Searls Coal Co.	1
						Taylor Mining Co.	3
						Western Coal Min. Co.	1
						Williamson Co. C. Co.	1
						Young Bros.	1
Total	23		23		23		23

NONFATAL CASUALTIES, TWELFTH DISTRICT, JUNE 30, 1916.

Date.	Name.	Age.	Residence.	Married.	Single.	Children.	Dependents.	Character of injury and cause of accident.	Time lost—days.
1915									
July 5	Louis Merlo	60	Herrin	1	..	4	3	Arm broken, fell down	89
7	Tony Moray	25	..do	..	1	..	....	Ankle broken, falling coal	30
17	Geo. Gouezinas	32	Johnston City	1	..	2	3	Finger injured, pit cars	34
Aug. 1	J. C. Biggs	40	Marion	1	..	1	2	Leg broken, falling coal	90
7	Robert Felkires	35	Herrin	1	..	3	4	Leg injured, falling coal	31
17	Bud Freels	62	..do	1	..	4	1	Ribs broken, falling slate	60
17	Thomas Lauder	33	Carterville	1	..	2	3	Foot broken, pit car	37
25	J. H. Culbreth	60	Marion	1	..	9	10	Eye injured, flying coal	60
27	Martin Quinscoorth	27	Herrin	..	1	..	....	Toe broken, pit car	65
Sept. 1	Samuel McKinney	34	Colp	..	1	..	....	Arm broken, pit car	60
4	Leon Thmelery	21	Johnston City	..	1	..	....	Finger injured, spragg	30
7	Carlo Berra	22	Herrin	..	1	..	....	Leg broken, pit cars	130
7	Ceasar Otto	26	..do	..	1	..	....	Ribs broken, pit cars	111
10	Claude Tanner	36	..do	..	1	..	....	Body injured, falling slate	46
15	H. Hardwick	33	..do	1	..	1	3	Leg injured, motor	46
17	Joe Volentia	46	Johnston City	..	1	..	....	Ankle broken, not stated	82
26	Thomas Dangerfield	38	Herrin	1	..	4	5	Finger injured, flying steel	37
Oct. 1	Paul Speroni	45	Bush	1	..	3	4	Shoulder broken, falling slate	123
11	A. Barnwell	28	Johnston City	1	..	..	1	Finger broken, fell from tipple	35
16	Wilbur Tisch	21	..do	..	1	..	....	Body injured, pit car	36
27	Troy Leigh	23	..do	..	1	..	....	Arm broken, falling coal	181
29	C. J. Calcaterra	31	Herrin	1	..	2	2	Back injured, lifting slate	47

NONFATAL CASUALTIES, TWELFTH DISTRICT, JUNE 30, 1916—concluded.

Date.	Name.	Age.	Residence.	Married.	Single.	Children.	Dependents.	Character of injury and cause of accident.	Time lost—days.
1915									
Nov. 3	Walter Hickman	30	Johnston City	1	..	1	2	Foot injured, pit car	45
6	Bart Bainbridge	27	Bush	1	..	..	1	Body injured, pit car	31
8	Victor Zavin	27	Johnston City	..	1	..	....	Leg injured, not stated	30
9	Bart Cockburn	32	..do	1	..	2	3	Body injured, mule	30
9	John Clark	27	Herrin	1	..	..	1	Arm injured, mule	30
10	Ishmael Jones	75	..do	1	..	..	1	Leg injured, pit car	230
19	Earnest Garrett	29	Johnston City	1	..	2	3	Arm broken, falling slate	*
20	Chas. Caruaghi	40	Herrin	1	..	2	3	Toe broken, falling slate	32
20	Noah Williams	28	..do	1	..	..	1	Body injured, pit car	65
20	Rosco Wright	24	..do	..	1	..	....	Body injured, motor	32
26	Joe Crain	55	..do	1	..	..	1	Collar bone broken, falling coal	*
26	Frank Ramons	45	Johnston City	1	..	..	1	Arm broken, falling slate	90
Dec. 3	Chas. W. Smith	40	Herrin	1	..	..	1	Arm broken, falling slate	45
4	James Lang	31	..do	1	..	..	1	Rib broken, pit car	30
10	Thomas Davis	40	..do	1	..	3	4	Leg broken, falling coal	*
11	Paul Jones	24	Colp	..	1	..	....	Arm injured, kicked by mule	37
12	Pete Suffitko	48	Bush	1	..	4	5	Finger broken, hit by hammer	90
15	Mike Narbut	30	Johnston City	1	..	..	1	Body burned, gas explosion	32
15	E. Linton	60	Marion	1	..	..	1	Foot injured, falling coal	45
16	Isaah Perkins	32	Dewmaine	1	..	..	1	Arm broken, falling coal	60
16	John Forina	40	Herrin	1	..	..	1	Foot injured, hot water	36
22	Nick Perino	39	Johnston City	1	..	3	4	Leg broken, falling coal	*
22	John Anderson	25	Marion	..	1	..	....	Leg broken, fell down	*
23	J. W. Arms	68	..do	1	..	3	4	Hand injured, lifting coal	160
28	Calsar Chodini	40	Herrin	1	..	..	1	Arm broken, pit car	88
30	C. E. Denham	26	..do	1	..	1	2	Leg broken, railroad cars	*
30	John Kedox	33	..do	..	1	..	....	Body injured, pit cars	51
1916									
Jan. 5	Clyde Nelson	28	..do	..	1	..	....	Leg broken, kicked by mule	60
8	Frank Ethridge	35	Blairsville	1	..	3	4	Body injured, pit car	59
13	B. Martin	40	Johnston City	1	..	3	4	Body injured, machine	60
17	Chas. Taveggia	16	Herrin	..	1	..	....	Leg injured, fell down	65
18	G. W. Kays	43	..do	1	..	4	5	Back injured, fell from washer	162
19	Frank Cavada	28	Johnston City	..	1	..	....	Body injured, gas explosion	*
23	Luther Ramsey	23	..do	..	1	..	....	Foot broken, not stated	34
Feb. 1	E. Steffance	43	..do	1	..	7	8	Leg injured, falling coal	30
6	Joe Razutio	28	..do	1	..	..	1	Back injured, lifting car	44
9	L. Mancini	32	..do	1	..	2	3	Ankle broken, falling coal	60
10	Sam Rodd	27	Marion	1	..	..	1	Foot injured, pit car	82
12	Pete Pams	23	Clifford	..	1	..	1	Leg injured, pit cars	36
15	Chas. Galluciia	21	Johnston City	..	1	..	....	Body injured, pit cars	35
23	John Reynolds	38	Colp	1	..	..	1	Shoulder injured, pit car	50
29	Frank Rogers	30	Herrin	..	1	..	....	Leg injured, falling slate	42
Mar. 3	Robert Wallace	30	Marion	1	..	..	2	Leg broken, falling coal	90
3	Robt. Nelson	26	Herrin	1	..	1	2	Arm broken, falling coal	60
3	Frank Bush	33	Cambria	1	..	1	2	Back broken, falling coal	*
4	John Muski	29	Colp	..	1	..	....	Body injured, pit cars	40
6	Anton Gioconnis	35	Johnston City	..	1	..	....	Finger injured, sprag	30
11	Hallie Newton	19	Marion	..	1	..	....	Body injured, pit car	30
16	Erba Eubanks	24	Johnston City	1	..	2	3	Collar bone broken, pit car	40
17	D. Mayfield	23	..do	..	1	..	....	Hand injured, pit car	*
17	L. Thulliez	22	..do	..	1	..	....	Leg injured, pit car	48
Apr. 4	Wm. Stucker	21	Herrin	..	1	..	2	Body injured, falling slate	84
11	Geo. Zalinsky	40	Johnston City	..	1	..	....	Body injured, falling coal	32
14	Mike Franch	38	Bush	1	..	..	....	Ribs broken, struck by bar	42
19	Wm. Ballard	45	Carterville	1	..	1	2	Ribs broken, pit cars	60
25	D. J. Kelly	42	Johnston City	1	..	..	1	Leg broken, machine	*
26	August Lira	40	..do	..	1	..	....	Toe broken, falling slate	90
May 4	Joe Rumphus	55	..do	1	..	..	1	Shoulder broken, falling coal	90
8	M. Guiney	54	Marion	1	..	7	8	Fingers broken, hit by sledge	44
12	Chas. Bornhill	24	Herrin	..	1	..	....	Arm broken, fell from ladder	30
15	Dan Brolio	40	Johnston City	1	..	3	4	Body burned, gas explosion	60
19	Louis Pisoni	45	Herrin	1	..	3	4	Finger injured, falling coal	52
19	C. C. Anderson	29	Marion	1	..	1	2	Head injured, stuck by trolley pole	54
19	Geo. Stover	29	Johnston City	1	..	1	2	Foot broken, not stated	35
June 7	John Dearborn	32	..do	1	..	1	2	Leg injured, not stated	30
	Total	..		55	32	96	149		

* Not returned to work July 1, 1916.

Number injured	87	Time lost by men returned—days	4,609
Number not returned to work	10	Average days lost	59.86
Number returned	77		

RECAPITULATION OF NONFATAL ACCIDENTS, TWELFTH DISTRICT, 1916.

Residence.	No.	Occupation.	No.	Cause of accident.	No.	Colliery.	No.
Blairsville	1	Blacksmith	1	Falling coal	17	Big Muddy C. & I. Co.	10
Bush	4	Cagers	2	Falling slate	10	Big Muddy Fuel Co.	4
Cambria	1	Couplers	2	Fell down	3	Cambria Coal Co.	3
Carterville	2	Drivers	21	Fell from scaffold	3	Chi.-Carterville C. Co.	10
Clifford	1	Laborers	4	Flying coal	1	Consolidated Coal Co.	12
Colp	4	Loaders	4	Flying steel	1	Johnston City C. Co.	7
Dewmaine	1	Machine runners	2	Gas explosion	3	Madison Coal Corp.	8
Herrin	32	Miners	39	Hot water	1	Peabody Coal Co.	8
Johnston City	31	Shot firer	1	Kicked by mule	2	W. P. Rend Coal Co.	4
Marion	10	Timbermen	4	Lifting weight	3	Searls Coal Co.	5
		Trackmen	3	Machine	2	Sunnyside Coal Co.	7
		Trapper	1	Motor	2	Taylor Mining Co.	2
		Trip riders	3	Mule	2	Western C. & M. Co.	5
				Pit cars	25	West Virginia C. Co.	2
				Railroad cars	1		
				Spragg	2		
				Struck by objects	4		
				Not stated	5		
Total	87		87		87		87

RECAPITULATION OF NONFATAL CASUALTIES, NATURE OF INJURIES, CONJUGAL RELATIONS, AND TIME LOST, TWELFTH DISTRICT, 1916.

Nature of injuries.	Number.	Married.	Single.	Children.	Dependents.	Time lost—days.		Percentage of injuries.
						Total.	Average.	
Ankles broken	3	1	2	2	3	172	57.33	3.45
Arms broken[1]	10	7	3	7	12	703	78.11	11.49
Arms injured	2	1	1	.....	1	67	33.50	2.30
Back broken[1]	1	1	.....	1	2	.....	.....	1.15
Backs injured	3	3	.....	6	8	253	84.33	3.45
Bodies burned	2	2	.....	3	5	92	46.00	2.30
Bodies injured[1]	15	5	10	8	15	631	45.07	17.23
Collar bone broken[1]	2	2	.....	2	4	40	40.00	2.30
Eye injured	1	1	.....	9	10	60	60.00	1.15
Feet broken	3	2	1	3	5	106	35.33	3.45
Feet injured	4	4	.....	1	5	208	52.00	4.60
Fingers broken	3	3	.....	11	14	169	56.33	3.45
Fingers injured	5	3	2	9	12	183	36.60	5.75
Hands injured[1]	2	1	1	3	4	160	160.00	2.30
Head injured	1	1	.....	1	2	54	54.00	1.15
Legs broken[2]	9	6	3	8	15	370	92.50	10.34
Legs injured	10	5	5	12	19	588	58.80	11.49
Ribs broken	5	3	2	5	4	303	60.60	5.75
Shoulders broken	2	2	.....	3	5	213	106.50	2.30
Shoulder injured	1	1	.....	.....	1	50	50.00	1.15
Toes broken	3	1	2	2	3	187	62.33	3.45
Total	87	55	32	96	149	4,609	59.86	100.00

[1] One not returned to work.
[2] Five not returned to work.

JOHNSON COUNTY,

Number.	Name of operator.	Post-office address of the mine.	Output of mines in tons. Mine run.	Lump.	Other grades.	Total.	Tons loaded on cars for shipment.
	LOCAL MINES.						
1	Ward & Watson	New Burnside	.....	1,220	513	1,733	.....
2	T. M. McMichael	..do	.....	165	28	193	.....
3	A. C. Goodard	..do	.....	55	.....	55	.....
	Total—3 mines		.....	1,440	541	1,981	.....

Mines in 1915, 7. Abandoned mines, 4. Mines in 1916, 3.

WILLIAMSON COUNTY,

Number.	Name of operator.	Post-office address of the mine.	Mine run.	Lump.	Other grades.	Total.	Tons loaded on cars for shipment.
	SHIPPING MINES.						
1	Johnston City Coal Co., No. 1	Johnston City	210,801	88,182	328,548	627,531	395,948
2	Peabody Coal Co., No. 3	Marion	35,070	83,273	487,565	605,908	595,083
3	W. P. Rend C. & C. Co., No. 2	Herrin	8,012	112,952	396,174	517,138	411,845
4	Madison Coal Corporation, No. 9	Dewmaine	99,938	175,766	230,875	506,579	.....
5	Big Muddy Coal & Iron Co., No. 7	Herrin	38,289	47,194	387,800	473,283	430,380
6	Searls Coal Co., McC. No. 2	Johnston City	69,326	90,223	298,556	458,105	399,972
7	Big Muddy Coal & Iron Co., No. 8	Clifford	186,701	33,365	224,870	444,936	387,834
8	Madison Coal Corporation, No. 8	Dewmaine	120,760	114,687	172,004	407,451	.....
9	Western Coal & Mining Co., No. 1	Bush	15,971	270,696	84,508	371,175	13,268
10	Consolidated Coal Co., Lake Creek	Johnston City	331,923	.....	9,397	341,320	9,474
11	Sunnyside Coal Co., No. 1	Herrin	40	51,197	257,904	309,141	266,956
12	West Virginia Coal Co., No. 1	Marion	158,610	28,528	71,290	258,428	254,427
13	Taylor Mining Co., No. 2	Herrin	25,509	35,657	195,055	256,221	215,596
14	Chicago B. M. C. & C. Co., B. M.	Marion	14,902	49,952	164,511	229,365	189,290
15	Hafer Washed Coal Co., No. 3	Carterville	2,860	21,862	196,804	221,526	200,357
16	Chicago & Carterville C. Co., B	Herrn	4,733	40,970	157,480	203,183	153,504
17	Scranton & B. M. C. M. Co., No. 1	Marion	160,117	7,151	32,502	199,770	48,645
18	Williamson County Coal Co	Johnston City	32,055	33,025	129,599	194,679	186,561
19	Chicago & Carterville Coal Co., A.	Herrin	12,677	35,602	139,474	187,753	138,986
20	Pond Creek Coal Co	..do	521	47,245	139,388	187,154	165,318
21	Big Muddy Fuel Co., N. V.	Johnston City	10,499	28,748	144,246	183,493	160,457
22	Taylor Mining Co., No. 1	Herrin	166,408	3,286	3,854	173,548	4,957
23	Carterville & Herrin C. Co., Jef.	..do	62,646	14,885	80,664	157,995	122,354
24	St. Louis-Carterville C. Co., Dale	..do	40,028	13,730	52,158	105,916	66,338
25	New Enterprise Coal Co	Marion	93,406	349	367	94,122	68,554
26	Watson Coal Co., No. 2	Herrin	36,000	7,500	29,088	72,588	70,000
27	Peabody Coal Co., No. 2	Marion	11,801	3,196	21,421	36,423	34,689
28	Cambria Coal Co	Johnston City	1,000	15,115	16,005	32,120	20,166
29	Carterville B. M. C. Co., John	Cambria	4,105	5,787	5,5,6	15,408	13,248
30	J. S. McNeil Coal Co	Carterville	8,000	.....	.....	8,000	7,000
	Total		1,952,713	1,469,923	4,457,623	7,880,259	5,031,205
	LOCAL MINES.						
1	J. W. Stalcup	Carterville	4,850	.....	.....	4,850	.....
2	Young Bros	..do	.....	1,540	2,310	3,850	.....
3	Waldron & Brayfield	Cambria	.....	1,345	2,274	3,619	.....
4	Em. McClanahan	Marion	3,250	.....	.....	3,250	.....
5	H. Crain	Carterville	2,300	.....	.....	2,300	.....
6	H. M. Ghent	..do	.....	750	1,500	2,250	.....
7	M. T. Bateman	Herrin	1,075	.....	.....	1,075	.....
8	F. E. Rentfro	Crab Orchard	.....	800	.....	800	.....
9	Chas. Motsinger	..do	.....	720	.....	720	.....
10	John Harris	..do	.....	600	50	650	.....
11	W. R. Handkins	Marion	.....	480	.....	480	.....
12	Arthur Motsinger	Crab Orchard	.....	425	.....	425	.....
	Total		11,475	6,660	6,134	24,269	.....
	Total—42 mines		1,964,188	1,476,583	4,463,757	7,904,528	5,031,205

Mines in 1915, 43. New mines, 4. Abandoned mines, 5. Mines in 1916, 42.

TWELFTH DISTRICT, 1916.

Disposition of output.				Kegs of powder used for blasting coal.	Pounds of permissible explosives used.	Days of active operation.	Total number employed.	Tons mined.		Mining machines—number in use.	Accidents.		Number of motors in use.	Number of animals under ground.	
Tons supplied to locomotives at the mines.	Tons sold to railroad companies and loaded on cars.	Tons sold to local trade.	Tons consumed or wasted at the mines.					By hand.	By machine.		Killed.	Injured.			Number.
.....	.....	1,733	.....	90	.....	300	5	1,733	.....	....	..	....	....	....	1
.....	.....	193	.....	7	.....	48	2	193	.....	....	..	....	....	....	2
.....	.....	55	.....	1	.....	34	4	55	.....	....	..	....	....	....	3
.....	.....	1,981	.....	98	.....	127	11	1,981	.....	....	..	....	....	....	

TWELFTH DISTRICT, 1916.

.....	225,085	.....	6,500	11,337	.....	243	445	190,002	437,529	26	3	7	9	30	1
.....	.....	.....	10,825	16,327	.....	239	556	243,167	362,741	18	1	8	4	23	2
.....	81,780	1,158	22,355	8,781	.....	191	623	86,157	430,981	24	1	4	4	31	3
.....	492,468	2,208	11,903	16,456	.....	205	475	429,640	76,939	4	2	5	3	30	4
.....	.....	4,061	38,842	19,451	.....	273	440	473,283	.....	....	1	8	3	22	5
.....	50,000	2,238	5,895	8,823	.....	236	407	.....	458,105	14	1	5	2	20	6
1,466	.....	2,229	53,407	6,830	.....	222	530	.....	444,936	45	1	2	3	23	7
9	395,457	1,574	10,411	14,516	.....	207	340	360,951	46,500	2	..	3	3	25	8
.....	338,734	1,384	17,789	16,615	2,240	260	386	371,175	.....	....	1	....	5	22	9
.....	326,998	558	4,290	14,394	.....	195	340	341,320	.....	....	1	12	2	15	10
.....	.....	1,804	40,381	5,020	.....	198	342	14,744	294,397	30	..	7	3	14	11
.....	.....	1,000	3,001	3,300	.....	210	226	.....	258,428	10	..	2	1	10	12
.....	25,000	750	14,875	9,690	.....	160	290	256,221	.....	....	3	1	2	16	13
.....	34,018	49	6,008	3,739	.....	210	201	2,735	226,630	7	..	....	2	8	14
.....	.....	465	20,704	8,435	.....	159	301	221,526	.....	....	1	....	1	20	15
.....	43,721	.....	5,958	7,655	.....	161	328	203,183	.....	....	2	7	2	16	16
.....	145,940	3,000	2,185	2,700	.....	188	198	.....	199,770	16	..	....	....	18	17
.....	5,000	.....	3,118	8,115	.....	213	220	194,679	.....	....	1	....	2	9	18
.....	24,410	3,331	21,026	2,872	.....	96	459	7,250	180,503	34	1	3	4	29	19
.....	11,738	200	9,898	2,500	.....	186	170	.....	187,154	18	1	....	1	18	20
.....	15,740	1,200	6,096	3,456	.....	182	247	22,325	161,168	9	..	4	2	9	21
.....	166,409	22	2,160	6,600	.....	136	193	173,548	.....	....	..	1	2	15	22
.....	29,332	603	5,706	6,663	.....	212	151	157,995	.....	....	1	....	1	17	23
.....	32,469	3,459	3,650	4,088	.....	220	137	105,916	.....	....	..	....	1	7	24
.....	25,529	.....	39	395	13,300	199	35	94,122	.....	....	..	....	....	....	25
.....	.....	588	2,000	3,247	.....	200	90	72,588	.....	....	..	5	1	6	26
.....	.....	.....	1,734	936	.....	53	188	13,409	23,014	6	..	....	2	12	27
.....	10,612	544	798	1,154	.....	174	54	4,907	27,213	2	..	3	....	4	28
.....	.....	.....	2,160	700	.....	46	122	15,408	.....	....	..	....	....	6	29
.....	.....	1,000	.....	32	.....	180	8	8,000	.....	....	..	....	....	1	30
1,475	2,480,440	33,425	333,714	214,927	15,540	189	8,502	4,064,251	3,816,008	265	22	87	65	476	
.....	.....	4,750	100	300	.....	180	9	4,850	.....	....	..	....	....	....	1
.....	.....	3,000	850	272	.....	200	6	3,850	.....	....	1	....	....	....	2
.....	.....	3,619	.....	125	.....	308	5	3,619	.....	....	..	....	....	....	3
.....	.....	3,250	.....	195	.....	130	9	3,250	.....	....	..	....	....	....	4
.....	.....	2,300	.....	200	.....	250	5	2,300	.....	....	..	....	....	....	5
.....	.....	1,885	365	75	.....	260	8	2,250	.....	....	..	....	....	....	6
.....	.....	1,075	.....	100	.....	220	6	1,075	.....	....	..	....	....	....	7
.....	.....	800	.....	65	.....	105	5	800	.....	....	..	....	....	..	8
.....	.....	720	.. ....	90	.....	90	3	720	.....	....	..	....	....	....	9
.....	.....	650	.....	25	.....	90	6	650	.....	....	..	....	....	....	10
.....	.....	480	.....	16	.....	60	3	480	.....	....	..	....	....	....	11
.....	.....	425	.....	15	.....	46	4	425	.....	....	..	....	....	....	12
.....	.....	22,954	1,315	1,478	.....	161	69	24,269	.....	....	1	....	....	....	
1,475	2,480,440	56,379	335,029	216,405	15,540	181	8,571	4,088,520	3,816,008	265	23	87	65	476	

RECAPITULATION BY COUNTIES, TWELFTH DISTRICT, 1916.

	Johnson.	Williamson.	Total.
Number of mines	3	42	45
Shipping	.....	30	30
Local	3	12	15
Production in tons	1,981	7,904,528	7,906,509
Shipping	.....	7,880,259	7,880,259
Local	1,981	24,269	26,250
Mine run	1,440	1,964,188	1,965,628
Shipping	.....	1,952,713	1,952,713
Local	1,440	11,475	12,915
Lump	.....	1,476,583	1,476,583
Shipping	.....	1,469,923	1,469,923
Local	.....	6,660	6,660
Other grades	.....	4,457,623	4,457,623
Shipping	.....	4,457,623	4,457,623
Disposition of output	1,981	7,904,528	7,906,509
Loaded on cars for shipment	.....	5,031,205	5,031,205
Other purposes	1,981	2,873,323	2,875,304
Shipping	.....	2,849,054	2,849,054
Local	1,981	24,269	26,250
Kegs of powder used, blasting coal	98	216,405	216,503
Shipping	.....	214,927	214,927
Local	98	1,478	1,576
Days of active operation (average)	127	181	177
Shipping	.....	189	189
Local	127	161	154
Employees	11	8,571	8,582
Shipping	.....	8,502	8,502
Local	11	69	80
Under ground	8	7,667	7,675
Shipping	.....	7,615	7,615
Local	8	52	60
Above ground	3	904	907
Shipping	.....	887	887
Local	3	17	20
Tons mined by hand	1,981	4,088,520	4,090,501
Shipping	.....	4,064,251	4,064,251
Local	1,981	24,269	26,250
Tons mined by machine	.....	3,816,008	3,816,008
Shipping	.....	3,816,008	3,816,008
Number of machines in use	.....	265	265
Shipping	.....	265	265
Number of motors in use	.....	65	65

RECAPITULATION BY COUNTIES, TWELFTH DISTRICT, 1916—concluded.

	Johnson.	Williamson.	Total.
Number killed	.....	23	23
Shipping	.....	22	22
Local	.....	1	1
Number injured	.....	87	87
Shipping	.....	87	87

Whole number of mines reported for 1915, 50.
Number of new mines opened during the year, 4.
Number of mines abandoned during the year, 9.
Whole number of mines reported for 1916, 45.

SUPPLEMENT

HISTORICAL.

The State Board of Examiners, The State Mining Board, State Inspectors of Mines, Mine Managers, Mine Examiners, Fire Bosses, Hoisting Engineers.

The law of 1879 authorized county boards to appoint inspectors of mines for their respective counties. In 1883 an act was passed dividing the State into five inspection districts with an inspector for each district, and providing for an Examining Board under the Bureau of Labor, whose duty it was to examine all applicants as to their fitness for State Inspector of Mines. The law of 1887 provided for the examination of all mines every morning by an agent of the proprietor. In 1891 the General Assembly enacted a law providing for the examination of applicants for mine managers by the Board of Examiners and prohibited the employment of any one as mine manager, in any mine equipped for shipping coal, or any mine whose output may be twenty-five or more tons per day, after January 1, 1892, unless such person has first obtained a certificate of competency or a certificate of service from said Board of Examiners. In 1895 the State was divided into seven inspection districts with seven State Inspectors and a law enacted providing for the examination by the State Board of Examiners of applicants for fire bosses and hoisting engineers, and prohibiting, after July 1, 1896, the employment of any one as such without first obtaining a certificate of competency or service from said Examining Board. By the law of 1899 the State Board of Examiners was superseded by a board to be appointed by the Commissioners of Labor and to be known as the State Mining Board. The name "fireboss" was changed to mine examiner and provision made to exchange certificates of service for certificates of competency. This latter provision applied to hoisting engineers as well as to fire bosses. In 1905 the Legislature divided the State into ten inspection districts. In 1907 the law provided that the State Mining Board shall be appointed by the Governor. In 1911 the Legislature divided the State into twelve districts and provided for the appointment of twelve State Inspectors. Provision was made for the issuance of first- and second-class mine manager's certificates. The former good at any mine in the State; the latter where not more than ten men are employed.

NOTE 1.—Certificates of competency were good at any mine in the State. Certificates of service were valid only at the mine where the person employed had been in continuous service for one year or more. The law of 1895 provided for the exchange of certificates of service for certificates of competency.

NOTE 2.—April 19, 1906, the board, by resolution, provided for the issuing of mine managers' certificates of the first and second class. The first-class certificates to apply to all mines in the State and the second-class to apply to mines employing less than 10 men.

Under the law of 1883 the State Board of Examiners, selected by the Bureau of Labor, consisting of the following named gentlemen: W. S. Cherry, Streator; John Dixon, Streator; John Maule, Belleville; George Neilson, Springfield; W. H. Emerson, Astoria; met at the Statehouse at 8 o'clock p. m. August 16, 1883, and organized by electing W. H. Emerson president and John S. Lord secretary. After setting September 4, 1883, as the date of the first examination for State Inspectors of Mines and adopting a set of rules governing examinations the board adjourned to 10 o'clock, September 3, 1883.

The board met at 10 o'clock September 3, 1883, at the Statehouse with all members present. Additional rules governing the examination and a list of questions for the applicants were adopted.

From a list of 32 applicants 4 successfully passed the examination and were certified to the Governor for appointment as State Inspectors of Mines, as follows:

Alexander Ronald, Streator; Walton Rutledge, Alton; James P. Cumming, Braceville; Robert Winning, Carterville.

The State having been divided into 5 inspection districts not enough applicants passed to fill the places and an adjourned session of the Examining Board was held October 10, 1883, at which time 9 applicants were present and took the examination and 3 passed with the required grade, to wit:

Thomas Hudson, Streator; William Atkinson, Braceville; Thomas S. Cumming, Gardner.

The Board of Examiners then sent to the Governor the following names showing the percentage obtained in the 2 examinations and recommended the appointment of 5 inspectors from those highest in the percentage:

Walton Rutledge, Alton, .98; Alexander Ronald, Streator, .98; Thomas Hudson, Streator, .97; Robert Winning, Carterville, .77; James P. Cumming, Braceville, .77; William Atkinson, Braceville, .76; Thomas S. Cumming, Gardner, .76.

September 2, 1884, the following named gentlemen having been notified of their selection by the Bureau of Labor as the Board of Examiners, met in Springfield for the purpose of organizing:

A. W. Perry, coal operator, Geneseo; Alex McDonald, coal miner, Alton; W. S. Cherry, mining engineer, Streator; John Keay, coal miner, LaSalle; Henry Wood, coal operator, Girard.

(Mr. Wood was absent at this meeting.)

Mr. Perry was elected president and J. S. Lord, secretary.

The next day an examination was held for State Inspectors at which 11 candidates were registered and the following 5 made the necessary grade and were certified to the Governor for appointment:

Thomas Hudson, Galva; Walton Rutledge, Alton; Alex Ronald, Streator; John Rollo, Streator; Robert Winning, Carterville.

September 12, 1885, the examining board consisting of Gen. J. S. Martin, coal operator, Sandoval; H. E. Hamilton, coal operator, Fairbury; Alex McDonald, coal miner, Alton; John Harper, coal miner, Colchester; Jasper Johnson, mining engineer, LaSalle, having been notified of their selection by the Commissioners of Labor, met at the Capitol and elected Gen. Martin, president, and J. S. Lord, secretary.

The board held an examination, September 12, of applicants for State Inspectors. Twenty entered this examination of whom 8 passed and were certified to the Governor, viz.

John Keay, LaSalle; Robert Winning, Carterville; Walton Rutledge, Alton; James Freer, Streator; Thomas Hudson, Galva; Alexander Ronald, Streator; John G. Massie, Milan; Quintin Clark, Braceville.

September 12, 1887, the State Board of Examiners composed of the following persons: H. H. Beach, coal operator, Litchfield; A. W. Boyden, coal operator, Sheffield; Daniel McLaughlin, coal miner, Braidwood; James Kirby, coal miner, Barclay; Hugh Murray, mining engineer, Ava, met at the office of the Bureau of Labor and organized by electing Mr. Beach, president, and Mr. Lord, secretary. On Wednesday following an examination was held for State Inspectors. Seventeen applicants took this examination and 9 were successful. The names and residences follow:

Walton Rutledge, Alton; Thomas Hudson, Galva; Quintin Clark, Braidwood; W. W. Williams, Streator; William Lewis, Streator; James Taylor, Edwards; John Vose, Streator; James Freer, Peoria; Thos. J. Logan, Streator.

The Board of Commissioners, at a meeting held July 24, 1889, selected the following as a Board of Examiners for the examination of applicants for appointment as State Inspectors for the term of 2 years from October 1, 1889, as follows:

David Ross, coal miner, Oglesby; J. D. Courtney, coal miner, St. John; Geo. C. Simpson, coal operator, Gillespie; William Wilms, coal operator, Springfield; Hugh Murray, mining engineer, Sparta.

This board met September 10, and elected David Ross, president, and J. S. Lord, secretary. At this meeting a class of 17 took the examination for State Inspector and 7 passed with a grade of 75 per cent of the maximum as fixed by the board. Of the 7 who passed the following 5 were recommended to the Governor for appointment:

Walton Rutledge, Alton; Thomas Hudson, Galva; Quintin Clark, Braidwood; James Freer, Peoria; James Taylor, Ashley.

Certificates of competency were issued also to John Keay, Streator, and Elisha Beadle, Kewanee.

August 3, 1891, the Examining Board met at Springfield with the following members present:

Hugh Murray, Sparta; Richard Ramsey, Braceville; John F. Goalby, Gillespie; George C. Simpson, Springfield.

Absent, Wm. Scaife, Coal City.

Mr. Ramsey was elected president and J. D. Roper, secretary.

On the 15th an examination of applicants for State Inspectors was held and a class of 15 presented themselves and 11 passed with a grade above 75. Quintin Clark, Braidwood; Thomas Hudson, Galva; James Freer, Peoria; Walton Rutledge, Alton, and J. G. Massie, Marissa, having the highest grade, were recommended to the Governor for appointment.

On motion of Mr. Simpson, certificates of competency were ordered issued to the following, they having attained over 75 per cent in the examination: Elisha Beadle, Ashley; J. Keay, Springfield; J. G. Wilson, Peoria; T. J. Logan, Streator, and Thomas Weeks, Holloway-

ville. On motion of Mr. Murray a modified certificate of competency was issued to Arthur Hay, of Springfield.

October 26, 1891, the Examining Board met at Streator to examine applicants for mine managers, the law effective January 1, 1892, requiring certificated mine managers at all mines equipped for shipping coal or whose output may be 25 or more tons per day. At this examination 60 applicants registered and 23 received certificates of competency and 29 certificates of service.

The Examining Board met at Springfield, November 9, 1891, and the following were granted certificates of competency:

Walton Rutledge, James Taylor, James Freer, John G. Massie, James P. Cumming and John Rollo. All these had previously passed the examination for State Inspector.

November 16, 1891, an examination was held by the board at Murphysboro. At this meeting a class of 47 took the examination for mine manager of which 11 received certificates of competency and 29 certificates of service.

At Springfield in December of this year the board issued certificates of competency to 7 and certificate of service to 1.

December 14, 1891, an examination was held at Peoria in which 16 received certificates of competency and 31 certificates of service.

January 18, 1892, at East St. Louis, out of a class of 73, 30 received certificates of competency and 27 certificates of service.

At Springfield, February 15, 1892, 102 came before the board for examination as mine managers. Fifty-four received certificates of competency and 34 certificates of service. In March 2 applicants received certificates of competency and 2 certificates of service.

The next examination for mine managers was held at Joliet, September 12, 1892, in which 23 were given certificates of competency.

On October 10, 1892, an examination was held at Springfield at which 96 received certificates of competency and 9 certificates of service.

September 11, 1893, the State Board of Examiners, consisting of Patrick Meehan, president, Breeds; George Evans, Lincoln; William McDonald, Braidwood; J. E. Craine, Murphysboro; J. M. Browning, Duquoin, met, with all members present except Mr. Browning. At this meeting 25 applicants presented themselves for certificates of qualification as State Inspectors; of this number 13 were found qualified, namely: Edward Fellows, Streator; Hugh J. Hughes, Litchfield; John G. Massie, Belleville; T. S. Cumming, Gardner; James A. Keating, Lincoln; John Keay, Springfield; David Beveridge, Sorento; Thomas Weeks, Streator; Henry E. Malloy, Decatur; Thomas Hudson, Galva; Walton Rutledge, Alton; James Freer, Peoria, and Henry Bangart, Lincoln.

On October 18, 1893, was held at Braidwood an examination for mine managers, and 33 applicants were successful and received certificates of competency.

The next examination for mine managers was held at East St. Louis, November 20, 1893. At this time 33 received certificates of competency, 5 received certificates of service and 5 failed to make the required grade.

December 18, 1893, the board met at Springfield, examined 57 applicants and granted certificates of competency to 44 and certificates of service to 4.

At Peoria, October 22, 1894, the board held an examination and issued certificates of competency to 26 and certificates of service to 3.

The next examination was held at Springfield, January 21, 1895, when 69 received certificates of competency and three certificates of service.

September 12, 1895, the following members of the State Board of Examiners, having been chosen and duly qualified met at Springfield and proceeded to organize: Louis F. Lumaghi, Collinsville; J. M. Browning, Duquoin; William McDonald, Braidwood; L. A. Graham, Jacksonville; J. E. Craine, Murphysboro. J. M. Browning was chosen president, Bethune Dishon, secretary, and J. E. Craine, treasurer. At this meeting certificates of competency as mine managers were ordered issued to 5 applicants.

October 12, 1895, Examining Board met at Springfield, and held an examination for State Inspectors. Nineteen applicants were present and the following were successful: Robert Winning, James Bennett, John Keay, H. J. Hughes, T. L. Jones, T. S. Cumming, James A. Keating, Charles Duncan, Ed. Fellows, Robert Pickett, Henry Malloy, James H. Beaty and Alf. C. Blake.

On October 21, 1895, was held at Peoria an examination by the State Examining Board for hoisting engineers, fire bosses and mine managers. Sixty-one received certificates of competency and 38 certificates of service as hoisting engineers; 10 were granted certificates of competency and 6 certificates of service as fire bosses; 12 received certificates of competency as mine managers. Certificates of competency in lieu of certificates of service were granted to 16 applicants.

The next examination of applicants was held at East St. Louis, November 18, 1895. At this examination 155 received certificates of competency and 61 certificates of service as hoisting engineers; 17 certificates of competency and 9 certificates of service as fire bosses; 39 mine managers successfully passed for certificates of competency and 30 exchanged certificates of service for competency.

The board met at Joliet, February 20, 1896. At this examination, for hoisting engineer, 61 were given certificates of competency and 23 certificates of service; for fire boss, 7 passed for competency and 9 for service; for mine managers, 11 passed and 8 exchanged certificates of service for that of competency.

On May 16, 1896, an examination was held at Decatur when, for hoisting engineer 104 certificates of competency and 49 certificates of service were issued; for fire boss 9 for competency and 13 for service passed; for mine manager 38 certificates of competency and 10 exchanges of service for competency were issued.

The next examination was held at East St. Louis, August 26, 1896, and resulted as follows: Hoisting engineers, competency 26, service 12; fire boss, competency 9, service 1; mine managers 13, exchanges 4.

November 23, 1896, the board met at Springfield and proceeded to the examination of applicants, which resulted as follows: Hoisting

engineers, competency 26, service 7; fire bosses, competency 11; mine managers, competency 21, exchanges 2.

The Commissioners of Labor at a meeting held on February 23, 1897, selected the following as a Board of Examiners to examine applicants for State Mine Inspectors, mine managers, fire bosses and hoisting engineers: Richard Ramsey, Braceville; William Cruikshanks, Middlegrove; John R. Thomas, Ladd; Thomas Haddow, Pana; Hugh Murray, Sparta. All were present except Mr. Murray and in the afternoon of this date were duly qualified and organized. Mr. Ramsey was elected president and Eben Howells, secretary.

March 8, 1897, the Examining Board met at Springfield for the purpose of holding an examination of applicants for State Inspectors. Mr. Murray being absent on account of sickness, the board authorized the president to secure the services of a mining engineer to conduct the examination and Thomas R. Stockett, Jr., Mining Engineer of St. Louis, was secured and the official oath duly administered. At this examination 32 applicants registered and the following passed with the required grade of 75 per cent: Alex Skinner, Diamond; James Taylor, Edwards; Thomas Weeks, Colfax; John E. Williams, Grape Creek; Quintin Clark, Chicago; Samuel Simpkin, Streator; John Garrity, Riverton; John G. Massie, Belleville; James Freer, Peoria; Walton Rutledge, Alton; J. L. Swanberg, Danville; Thomas Hudson, Galva; Evan D. John, Barclay; James H. Beatty, Mascoutah; William Donaldson, Kangley; John Duddy, Pana; Leo Gluck, Chicago; Alfred C. Blake, East Peoria; David McCrindle, Oglesby, and John Dunlop, Centralia. At this meeting 4 were granted certificates of competency as fire bosses.

On March 20, 1897, the board met at Springfield for the purpose of examining applicants for hoisting engineers, mine managers and fire bosses, and on April 13, the examination was given a class of 37; of this number 15 received certificates for hoisting engineer; for fire boss 2 received certificates of competency and 1 certificate of service; for mine manager 5 received certificates of competency and 2 certificates of service.

July 13, 1897, the board met at Joliet and examined a class of 33 applicants, with the following results: For hoisting engineer, competency 12, service 1; for fire boss, competency 13, service 1; for mine manager 1.

September 6, 1897, the board met at Springfield and made preliminary arrangements for an examination to be held on the 13th of applicants for State Inspectors, hoisting engineers, fire bosses, and mine managers. The 13th was spent in registering the candidates and the examination proper began on the 14th. For State Mine Inspectors 23 were admitted and the following were successful: James Taylor, Edwards; Robert Pickett, Springfield; Walton Rutledge, Alton; Thomas Hudson, Galva; Quintin Clark, Chicago; John E. Williams, Westville; Evan D. John, Carbondale; J. L. Svanberg, Danville; H. McAllister, Streator; Thomas Weeks, Colfax; James Freer, Chenoa; Alex Skinner, Diamond; T. S. Cumming, Belleville; J. W. Graham, Dunfermline; John Dunlop, Centralia, and Alfred C. Blake, East Peoria. For hoist-

ing engineer 12 passed; for mine manager 4 passed and for fire boss 3 passed. Four were granted certificates of service as hoisting engineers.

The Board of Examiners consisting of Richard Newsam, Patrick McCann, James Taylor, Hugh Murray and Cochran Johnston met at the Capitol building, March 1, 1898, and organized by electing Richard Newsam, president, Eben Howells, secretary, and James Taylor, treasurer. After organization the board proceeded to conduct an examination of applicants for certificates as hoisting engineers, mine managers, and fire bosses. The result was as follows: Hoisting engineer, competency 43; mine manager, competency 13, service 6; fire boss, competency 3.

The next meeting of the board was held at Springfield, May 17, 1898, and a resolution was adopted that no more certificates of service be issued to mine managers. No examination was held at this time.

The board met at Peoria, June 7, 1898, and held an examination for mine managers, hoisting engineers and fire bosses, which resulted as follows: For hoisting engineer 23 received certificates of competency; for fire boss, 6 certificates of competency and 1 certificate of service; for mine manager, 11 certificates of competency.

August 9, 1898, the board met at Springfield and decided to hold the next examination at East St. Louis on September 13, and on this date the board met and held an examination for mine managers, fire bosses, and hoisting engineers. At this examination 4 received certificates as mine managers, 27 certificates of competency and 1 of service as hoisting engineers, and 8 certificates of competency as fire bosses.

On December 6, 1898, the board met at Springfield and held an examination at which 9 received certificates as mine managers, 7 certificates of competency and 2 certificates of service as hoisting engineers, and 2 were given certificates as fire bosses.

February 28, 1899, an examination was held by the board at Springfield at which 10 certificates as mine managers, 22 hoisting engineers and 6 fire bosses were issued.

On April 18, 1899, the board met at Springfield and resolved that in order to meet the demand of applicants for examinations that hereafter five examinations be held each year. The date for next examination was fixed for June 6, 1899, at Springfield. And on this date the board met and proceeded to the registration of applicants for certificates as hoisting engineers, fire bosses and mine managers, the result of which was that the following number were successful: For hoisting engineer 40, for mine manager 17 and for fire boss 3.

The General Assembly in 1899 amended the Mining Law, effective July 1, changing the name State Board of Examiners to State Mining Board and the name fire boss to mine examiner and provided for the exchange of certificates of service for certificates of competency for them and also for hoisting engineers.

On July 1, 1899, the Commissioners of Labor with the approval of the Governor, appointed as members of the State Mining Board the following gentlemen to serve for a term of two years, viz: Richard Newsam, Peoria; Hugh Murray, M. E., Nashville; James Taylor, Edwards; Patrick McCann, Lincoln, and Cochran Johnston, Spring Val-

ley. Mr. Newsam was elected president; Patrick McCann, vice president; James Taylor, treasurer; Hugh Murray, mining engineer; Eben Howells, secretary, and William Scaife, messenger. On motion the next examination was called for July 25, 1899, at Springfield. At this examination there were registered for mine manager 235, for mine examiner 26, for exchange from fire boss to mine examiner 18, for hoisting engineer 30, total applicants 309. The result of this examination was: For mine manager 214 certificates where not more than 10 men are employed; 10 certificates where 10 or more men are employed; hoisting engineers, 29 certificates of competency; mine managers, 26 certificates and 18 exchange certificates were issued.

The State Mining Board next met September 12, 1899, at Springfield and held an examination for State Inspector of mines. Eight applicants registered and all passed, as follows: Thomas Hudson, Galva; Walton Rutledge, Alton; Evan John, Carbondale; John Dunlop, Centralia; John E. Williams, Danville; H. McAllister, Streator; J. W. Graham, Dunfermline, and D. Wilson, Spring Valley. These names, with the exception of Mr. Wilson who had not received his final naturalization papers,[1] were certified to the Governor as eligible for appointment as State Inspectors of Mines. At this meeting the board passed upon the applications of owners and operators of mines employing not more than 10 men and granted certificates to 222 as mine managers of such mines.[2]

The following table gives the names of the members of the State Mining Board, the date of the examination, the number registered and the number of certificates issued to mine managers, mine examiners, and hoisting engineers—September 26, 1899, to June 30, 1916.

[1] September 29, 1899, Mr. Wilson presented his naturalization papers to the board and was certified.
[2] In the following tables these will be called local mine managers.

Examinations for Mine Managers, Mine Examiners and Hoisting Engineers—1899 to 1906.

Members of mining board.	Date of examination.	Mine managers.		Local mine managers.		Mine examiners.		Hoisting engineers.	
		Number of applicants.	Number of certificates issued.	Number of applicants.	Number of certificates issued.	Number of applicants.	Number of certificates issued.	Number of applicants.	Number of certificates issued.
Richard Newsam..	Sept. 26, 1899	18	14	53	53	23	23	32	31
Hugh Murray.....	Dec. 5, 1899	19	17	44	44	17	14	62	56
James Taylor.....	Feb. 12, 1900	27	11	10	10	37	36	45	35
Patrick McCann....	Apr. 9, 1900	16	13	13	13	18	17	28	24
Cochran Johnston..	May 21, 1900	21	16	9	9	17	16	22	21
	Aug. 6, 1900	34	17	24	24	14	12	31	31
	Oct. 15, 1900	35	24	13	13	19	19	30	22
	Dec. 10, 1900	17	13	19	19	13	13	18	14
	Mar. 11, 1901	30	8	16	16	16	16	49	31
	June 24, 1901	23	15	16	16	20	18	39	29
Richard Newsam..	Sept. 9, 1901	8	8	15	15	.....	.....	1	1
Wm. Atkinson.....	Sept. 23, 1901	.....	.....	4	4	10	8	25	22
Lee Kincaid.....	Nov. 25, 1901	17	11	24	23	9	7	27	19
Daniel Reese.....	Jan. 20, 1902	9	2	21	21	5	4	13	7
Hugh Murray.....	Apr. 14, 1902	10	2	10	10	14	11	29	25
	June 16, 1902	6	2	10	10	7	4	13	4
	Sept. 22, 1902	4	4	17	17	6	6	7	7
	Nov. 24, 1902	12	6	15	15	12	10	31	25
	Jan. 12, 1903	22	7	9	9	13	10	20	14
	Apr. 27, 1903	30	24	12	12	21	19	47	38
Richard Newsam..	July 20, 1903	20	9	5	5	19	18	53	43
Wm. Atkinson.....	Oct. 19, 1903	22	5	12	12	23	19	39	19
Lee Kincaid.....	Dec. 14, 1903	17	6	18	18	24	24	26	14
Daniel Reese.....	Feb. 22, 1904	17	11	7	7	26	26	28	11
Andrew Flesher....	June 13, 1904	21	13	7	7	37	37	44	32
	Aug. 15, 1904	23	10	15	15	27	26	37	15
	Nov. 14, 1904	35	10	32	32	43	43	72	59
	Jan. 16, 1905	36	33	17	17	30	30	28	19
	Mar. 13, 1905	26	22	5	5	36	34	34	21
	Apr. 17, 1905	19	16	8	8	16	16	9	6
Richard Newsam..	July 31, 1905	18	14	5	5	35	35	44	27
Wm. Atkinson.....	Nov. 13, 1905	28	20	10	10	52	43	51	41
Lee Kincaid.....	Jan. 8, 1906	30	22	17	17	35	31	25	19
Daniel Reese.....	Apr. 16, 1906	30	6	11	11	55	40	47	24

Examinations for Mine Managers, Mine Examiners and Hoisting Engineers—1906 to 1916.

Members of mining board.	Date of examination.	Mine managers.				Mine examiners.		Hoisting engineers.	
		First class.		Second class.					
		Number of applicants.	Number of certificates issued.	Number of applicants.	Number of certificates issued.	Number of applicants.	Number of certificates issued.	Number of applicants.	Number of certificates issued.
Andrew Flesher....	July 16, 1906	34	19	15	15	36	32	33	26
Henry Terrill[1]....	Oct. 15, 1906	45	23	34	34	52	39	54	33
Martin Linskey[2]...	Jan. 14, 1907	29	17	17	17	54	48	51	42
	Mar. 25, 1907	30	12	15	15	46	35	38	38
	June 24, 1907	41	18	20	18	37	25	24	19
Richard Newsam..	Aug. 12, 1907	15	4	11	11	20	20	14	13
David Christie.....	Dec. 2, 1907	28	13	20	17	49	37	31	21
Henry Terrill.....	Feb. 17, 1908	24	12	5	5	36	29	33	23
Lee Kincaid.....	Apr. 27, 1908	50	22	4	4	28	22	35	19
Martin Linskey....	July 27, 1908	39	14	11	11	32	22	34	31
Matt Davidson[3]....	Sept. 21, 1908	52	12	34	31	48	41	32	26
	Nov. 30, 1908	25	5	20	19	36	25	23	17
	Feb. 15, 1909	50	8	8	8	37	28	34	21
	Apr. 12, 1909	30	11	2	2	30	21	29	19
Richard Newsam..	July 12, 1909	46	9	13	11	25	24	36	24
Lee Kincaid.....	Nov. 1, 1909	23	5	12	11	38	25	29	19
Henry Terrill.....	Jan. 17, 1910	25	4	13	10	34	31	22	18
Matt Davidson.....	Apr. 11, 1910	32	12	12	12	33	27	40	17
Martin Linskey....	June 27, 1910	30	6	11	11	16	15	18	3
Evan D. John[4].....	Aug. 15, 1910	19	11	8	8	5	5	7	5
	Oct. 24, 1910	16	5	15	13	15	10	22	13
	Dec. 19, 1910	25	11	9	9	23	18	25	16
	Feb. 13, 1911	19	4	4	3	19	16	26	16
	Apr. 10, 1911	32	16	14	12	21	21	16	12
Richard Newsam..	July 10, 1911	31	17	9	8	28	28	14	9
Evan D. John.....	Nov. 20, 1911	19	2	15	15	21	19	20	14
S. M. Duggan.....	Jan. 15, 1912	9	6	8	8	18	14	9	5
Martin Linskey....	Apr. 16, 1912	38	16	13	12	27	22	30	24
Wm. Spenny.....	July 22, 1912	45	10	8	8	27	24	21	14
	Nov. 11, 1912	41	28	24	24	32	28	28	23
	Jan. 6, 1913	28	8	12	11	41	22	12	5
	Apr. 14, 1913	46	25	11	11	51	40	26	14
	June 16, 1913	41	38	8	8	30	21	31	25
	Sept. 8, 1913	16	16	11	11	24	23	23	17
John Bohlander....	Dec. 15, 1913	11	8	8	8	8	8	12	6
James Forester.....	Feb. 9, 1914	14	12	7	7	19	16	23	18
James Shaw.....	Apr. 20, 1914	39	21	10	10	26	16	21	11
Thomas L. Jones...	June 15, 1914	18	10	8	8	14	10	11	5
J. B. McKiernan...	Oct. 12, 1914	25	17	25	23	28	16	22	7
	Dec. 14, 1914	17	15	21	21	15	8	19	10
	Feb. 8, 1915	18	10	15	15	10	8	12	9
	Apr. 5, 1915	19	12	9	9	17	5	11	6
	June 14, 1915	23	15	10	9	16	10	13	9
	Oct. 11, 1915	23	17	10	10	14	8	12	8
	Jan. 10, 1916	22	18	11	11	16	13	10	6
	Mar. 7, 1916	13	8	7	7	3	2	9	8
	May 15, 1916	27	18	5	5	24	16	10	8

[1] Appointed July, 1906, *vice* Daniel Reese, resigned.
[2] Appointed July, 1906, *vice* Andrew Flesher, resigned.
[3] Appointed Mar., 1908, *vice* David Christie, deceased.
[4] Appointed Apr., 1910, *vice* Lee Kincaid, resigned.

NOTE.—The Legislature in 1915 amended the law giving to the State Mining Board the authority, under certain conditions, to issue permits to operate a second motion engine at mines where not more than ten men are employed. Under this provision there have been granted permits known in the records of the board, as hoisting engineers, second class, as follows: Oct. 11, 1915, 2; Jan. 10, 1916, 4; Mar. 7, 1916, 2: May 15, 1916, 4.

State Examining Board, Members and Organization, 1883 to 1916.

Members.	Post office.	Designation.	When appointed.	Organization.
W. S. Cherry	Streator	Mining engineer	1883	W. H. Emerson, president.
John Dixon	..do	Coal miner	1883	John S. Lord, secretary.
John Maule	Belleville	Coal operator	1883	
George Neilson	Springfield	Coal miner	1883	
W. H. Emerson	Astoria	Coal operator	1883	
A. W. Perry	Geneseo	..do	1884	A. W. Perry, president.
Henry Wood	Girard	..do	1884	J. S. Lord, secretary.
Alex McDonald	Alton	Coal miner	1884	
John Keay	LaSalle	..do	1884	
W. S. Cherry*	Streator	Mining engineer	1884	
J. S. Martin	Sandoval	Coal operator	1885	J. S. Martin, president.
H. E. Hamilton	Fairbury	..do	1885	J. S. Lord, secretary.
Alex McDonald*	Alton	Coal miner	1885	
John Harper	Colchester	..do	1885	
Jasper Johnson	LaSalle	Mining engineer	1885	
H. H. Beach	Litchfield	Coal operator	1887	H. H. Beach, president.
A. W. Boyden	Sheffield	..do	1887	J. S. Lord, secretary.
Daniel McLaughlin	Braidwood	Coal miner	1887	
James Kirby	Barclay	..do	1887	
Hugh Murray	Ava	Mining engineer	1887	
David Ross	Oglesby	Coal miner	1889	David Ross, president.
J. D. Courtney	St. John	..do	1889	J. S. Lord, secretary.
George C. Simpson	Gillespie	Coal operator	1889	
William Wilms	Springfield	..do	1889	
Hugh Murray*	Sparta	Mining engineer	1889	
Hugh Murray*	..do	..do	1891	Richard Ramsey, president.
Richard Ramsey	Braceville	Coal operator	1891	J. D. Roper, secretary.
John F. Goalby	Gillespie	Coal miner	1891	
George C. Simpson*	Springfield	Coal operator	1891	
William Scaife	Coal City	Coal miner	1891	
Patrick Meehan	Breeds	Coal operator	1893	Patrick Meehan, president.
George Evans	Lincoln	Coal miner	1893	B. Dishon, secretary.
William McDonald	Braidwood	..do	1893	
J. E. Craine	Murphysboro	Mining engineer	1893	
J. M. Browning	Duquoin	Coal operator	1893	
Louis F. Lumaghi	Collinsville	..do	1895	J. M. Browning, president.
J. M. Browning*	Duquoin	..do	1895	B. Dishon, secretary.
Wm. McDonald*	Braidwood	Coal miner	1895	J. E. Crain, treasurer.
L. A. Graham	Jacksonville	..do	1895	
J. E. Crain*	Murphysboro	Mining engineer	1895	
Richard Ramsey	Braceville	Coal operator	1897	Richard Ramsey, president.
William Cruikshanks	Middlegrove	..do	1897	Eben Howells, secretary.
John R. Thomas	Ladd	Coal miner	1897	Wm. Scaife, janitor.
Thomas Haddow	Pana	..do	1897	
Hugh Murray	Sparta	Mining engineer	1897	
Richard Newsam[2]	Peoria	Coal operator	1898	Richard Newsam, president.
Pat McCann[3]	Lincoln	Coal miner	1898	James Taylor, treasurer.
James Taylor[4]	Edwards	Coal operator	1898	
Richard Newsam*	Peoria	..do	1899	Richard Newsam, president.
James Taylor*	Edwards	..do	1899	Pat McCann, vice president.
Hugh Murray*	Nashville	Mining engineer	1899	James Taylor, treasurer.
Pat McCann*	Lincoln	Coal miner	1899	Eben Howells, secretary.
Cochran Johnston	Springvalley	..do	1899	Wm. Scaife, messenger.
Richard Newsam*	Peoria	Coal operator	1901	Richard Newsam, president.
Wm. Atkinson	Murphysboro	Coal miner	1901	Wm. Atkinson, vice president.
Lee Kincaid	Athens	Coal operator	1901	
Daniel Reese	Danville	Coal miner	1901	Eben Howells, secretary.
Hugh Murray*	Nashville	Mining engineer	1901	Lee Kincaid, treasurer. Wm. Scaife, janitor. Miss Jennie L. Ross, stenographer.
Richard Newsam*	Peoria	Coal operator	1903	Richard Newsam, president.
Lee Kincaid*	Athens	..do	1903	Wm. Atkinson, vice president.
Wm. Atkinson*[5]	Murphysboro	Coal miner	1903	
Daniel Reese*	Danville	..do	1903	Eugene A. Pearse, secretary.[1]
Andrew Flesher	Taylorville	Hoisting engineer	1903	Lee Kincaid, treasurer. Miss Jane L. Ross, stenographer.
Richard Newsam*	Peoria	Coal operator	1905	Richard Newsam, president.
David Christie*	Murphysboro	Coal miner	1905	Thomas Moses, secretary.
Lee Kincaid*	Athens	Coal operator	1905	Miss Cordelia Stanton, stenographer.
Daniel Reese*	Danville	Coal miner	1905	
Andrew Flesher*	Taylorville	Hoisting engineer	1905	Mar. 27, 1907, Martin Bolt was elected secretary, *vice*, Thomas Moses, resigned.
Henry Terrill[6]	Colchester	Coal miner	1906	
Martin Linskey[7]	Streator	Hoisting engineer	1906	

State Examining Board, Members and Organization—Concluded.

Members.	Post office.	Designation.	When appointed.	Organization.
Richard Newsam*	Peoria	Coal operator	1907	Richard Newsam, president.
David Christie*	Murphysboro	Coal miner	1907	Henry Terrill, vice president.
Henry Terrill*	Colchester	..do	1907	Martin Bolt, secretary.
Lee Kincaid*	Athens	Coal operator	1907	Miss Cordelia Stanton, stenographer.
Martin Linskey*	Streator	Hoisting engineer	1907	
Matt Davidson, Sr.[8]	Duquoin	Coal miner	1908	
Richard Newsam*	Peoria	Coal operator	1909	Richard Newsam, president.
Lee Kincaid*	Athens	..do	1909	Henry Terrill, vice president.
Henry Terrill*	Colchester	Coal miner	1909	Martin Bolt, secretary.
Matt Davidson*	Duquoin	..do	1909	Miss Cordelia Stanton, stenographer.
Martin Linskey*	Streator	Hoisting engineer	1909	
Evan D. John[9]	Carbondale	Coal operator	1910	
Richard Newsam*	Peoria	..do	1911	Richard Newsam, president.
Evan D. John*	Carbondale	..do	1911	Henry Terrill, vice president.
S. M. Duggan	Girard	Coal miner	1911	S. M. Duggan, secretary.
Martin Linskey*	Streator	Hoisting engineer	1911	Martin Bolt, chief clerk.
William Spenny	Canton	Coal miner	1911	
John Bohlander	Pekin	Coal operator	1913	John Bohlander, president.
James Forester	Duquoin	..do	1913	James Shaw, secretary.
James Shaw	Virden	Coal miner	1913	Martin Bolt, chief clerk until December, 1914; J. F. Morris, chief clerk.
Thomas L. Jones	Ladd	..do	1913	
J. B. McKiernan	Peoria	Hoisting engineer	1913	
John Bohlander*	Pekin	Coal operator	1915	John Bohlander, president.
James Forester*	Duquoin	..do	1915	James Shaw, secretary.
James Shaw*	Virden	Coal miner	1915	J. F. Morris, chief clerk.
Thomas L. Jones*	Ladd	..do	1915	
J. B. McKiernan*	Peoria	Hoisting engineer	1915	

* Succeeded himself.

[1] Mr. Pearse was elected in March, 1903, *vice*, Eben Howells, deceased, and reelected in September for full term.

[2] *Vice*, Richard Ramsey, deceased.

[3] *Vice*, Thomas Haddow, resigned.

[4] *Vice*, Wm. Cruikshank, resigned.

[5] Resigned, July, 1904.

[6] *Vice*, Daniel Reese, resigned.

[7] *Vice*, Andrew Flesher, resigned.

[8] *Vice*, David Christie, deceased.

[9] *Vice*, Lee Kincaid, resigned.

Note.—In 1899 the Legislature changed the State Examining Board to the State Mining Board. Aug. 15, 1904, Miss Cordelia Stanton was elected stenographer, *vice*, Miss Ross, resigned. Nov. 14, 1904, Tom Moses was elected secretary, *vice*, Mr. Pearse, resigned.

Note.—Mr. Matt Davidson died Nov. 2, 1910.

Examinations of State Inspectors of Mines, 1883 to 1916.

Date of examination.	Name of those passing examination.	Post office.	County.
Sept. 3, 1883	Alexander Ronald	Streator	LaSalle.
Sept. 3, 1883	Walton Rutledge	Alton	Madison.
Sept. 3, 1883	James P. Cumming	Braceville	Grundy.
Sept. 3, 1883	Robert Winning	Carterville	Williamson.
Oct. 10, 1883	Thomas Hudson	Streator	LaSalle.
Oct. 10, 1883	William Atkinson	Braceville	Grundy.
Oct. 10, 1883	Thomas S. Cumming	Gardner	Grundy.
Sept. 3, 1884	Thomas Hudson	Galva	Henry.
Sept. 3, 1884	Walton Rutledge	Alton	Madison.
Sept. 3, 1884	Alexander Ronald	Streator	LaSalle.
Sept. 3, 1884	John Rollo	..do	LaSalle.
Sept. 3, 1884	Robert Winning	Carterville	Williamson.
Sept. 12, 1885	John Keay	LaSalle	LaSalle.
Sept. 12, 1885	Robert Winning	Carterville	Williamson.
Sept. 12, 1885	Walton Rutledge	Alton	Madison.
Sept. 12, 1885	James Freer	Streator	LaSalle.
Sept. 12, 1885	Thomas Hudson	Galva	Henry.
Sept. 12, 1885	Alexander Ronald	Streator	LaSalle.
Sept. 12, 1885	John G. Massie	Milan	Rock Island.
Sept. 12, 1885	Quinton Clark	Braceville	Grundy.
Sept. 14, 1887	Walton Rutledge	Alton	Madison.

Examinations of State Inspectors of Mines—Continued.

Date of examination.	Name of those passing examination.	Post office.	County.
Sept. 14, 1887	Thomas Hudson	Galva	Henry.
Sept. 14, 1887	Quinton Clark	Braidwood	Will.
Sept. 14, 1887	W. W. Williams	Streator	LaSalle.
Sept. 14, 1887	William Lewis	..do	LaSalle.
Sept. 14, 1887	James Taylor	Edwards	Peoria.
Sept. 14, 1887	John Vose	Streator	LaSalle.
Sept. 14, 1887	James Freer	Peoria	Peoria.
Sept. 14, 1887	Thomas J. Logan	Streator	LaSalle.
Sept. 10, 1889	James Freer	Peoria	Peoria.
Sept. 10, 1889	Quintin Clark	Braidwood	Will.
Sept. 10, 1889	Thomas Hudson	Galva	Henry.
Sept. 10, 1889	John Keay	Streator	LaSalle.
Sept. 10, 1889	Walton Rutledge	Alton	Madison.
Sept. 10, 1889	Elisha Beadle	Kewanee	Henry.
Sept. 10, 1889	James Taylor	Edwards	Peoria.
Aug. 3, 1891	Quinton Clark	Braidwood	Will.
Aug. 3, 1891	Thomas Hudson	Galva	Henry.
Aug. 3, 1891	James Freer	Peoria	Peoria.
Aug. 3, 1891	Walton Rutledge	Alton	Madison.
Aug. 3, 1891	J. G. Massie	Marissa	St. Clair.
Aug. 3, 1891	Elisha Beadle	Ashley	Washington.
Aug. 3, 1891	J. Keay	Springfield	Sangamon.
Aug. 3, 1891	J. G. Wilson	Peoria	Peoria.
Aug. 3, 1891	T. J. Logan	Streator	LaSalle.
Aug. 3, 1891	Thomas Weeks	Hollowayville	LaSalle.
Aug. 3, 1891	Arthur Hay	Springfield	Sangamon.
Sept. 11, 1893	Edward Fellows	Streator	LaSalle.
Sept. 11, 1893	Hugh J. Hughes	Litchfield	Montgomery.
Sept. 11, 1893	John G. Massie	Belleville	St. Clair.
Sept. 11, 1893	T. S. Cumming	Gardner	Grundy.
Sept. 11, 1893	James A. Keating	Lincoln	Logan.
Sept. 11, 1893	John Keay	Springfield	Sangamon.
Sept. 11, 1893	David Beveridge	Sorento	Bond.
Sept. 11, 1893	Thomas Weeks	Streator	LaSalle.
Sept. 11, 1893	Henry E. Malloy	Decatur	Macon.
Sept. 11, 1893	Thomas Hudson	Galva	Henry.
Sept. 11, 1893	Walton Rutledge	Alton	Madison.
Sept. 11, 1893	James Freer	Peoria	Peoria.
Sept. 11, 1893	Henry Bangart	Lincoln	Logan.
Oct. 12, 1895	Robert Winning	Carterville	Williamson.
Oct. 12, 1895	James Bennett	Hallidayboro	Jackson.
Oct. 12, 1895	John Keay	Springfield	Sangamon.
Oct. 12, 1895	H. J. Hughes	Litchfield	Montgomery.
Oct. 12, 1895	T. L. Jones	Ladd	Bureau.
Oct. 12, 1895	T. S. Cumming	Gardner	Grundy.
Oct. 12, 1895	James A. Keating	Lincoln	Logan.
Oct. 12, 1895	Charles Duncan	Streator	LaSalle.
Oct. 12, 1895	Ed Fellows	..do	LaSalle.
Oct. 12, 1895	Robert Pickett	Springvalley	Bureau.
Oct. 12, 1895	Henry Malloy	Decatur	Macon.
Oct. 12, 1895	James H. Beaty	Mascoutah	St. Clair.
Oct. 12, 1895	Alf C. Blake	East Peoria	Tazewell.
Mar. 8, 1897	Walton Rutledge	Alton	Madison.
Mar. 8, 1897	Thomas Hudson	Galva	Henry.
Mar. 8, 1897	Quinton Clark	Chicago	Cook.
Mar. 8, 1897	James Freer	Peoria	Peoria.
Mar. 8, 1897	J. H. Beaty	Mascoutah	St. Clair.
Mar. 8, 1897	Alex Skinner	Diamond	Grundy.
Mar. 8, 1897	James Taylor	Edwards	Peoria.
Mar. 8, 1897	Thomas Weeks	Colfax	McLean.
Mar. 8, 1897	Leo Gluck	Chicago	Cook.
Mar. 8, 1897	J. G. Massie	Belleville	St. Clair.
Mar. 8, 1897	John E. Williams	Grape Creek	Vermilion.
Mar. 8, 1897	Evan. D. John	Barclay	Sangamon.
Mar. 8, 1897	J. L. Swanberg	Danville	Vermilion.
Mar. 8, 1897	Samuel Simpkins	Streator	LaSalle.
Mar. 8, 1897	John Dunlop	Centralia	Marion.
Mar. 8, 1897	John Garrity	Riverton	Sangamon.
Mar. 8, 1897	A. C. Blake	East Peoria	Tazewell.
Mar. 8, 1897	Wm. Donaldson	Kangley	LaSalle.
Mar. 8, 1897	John Duddy	Pana	Christian.
Mar. 8, 1897	David McCrindle	Oglesby	LaSalle.
Sept. 13, 1897	Walton Rutledge	Alton	Madison.
Sept. 13, 1897	Thomas Hudson	Galva	Henry.
Sept. 13, 1897	James Freer	Chenoa	McLean.
Sept. 13, 1897	James Taylor	Edwards	Peoria.

Examinations of State Inspectors of Mines—Continued.

Date of examination.	Name of those passing examination.	Post office.	County.
Sept. 13, 1897	Alfred C. Blake	East Peoria	Tazewell.
Sept. 13, 1897	John Dunlop	Centralia	Marion.
Sept. 13, 1897	T. S. Cumming	Belleville	St. Clair.
Sept. 13, 1897	Quinton Clark	Chicago	Cook.
Sept. 13, 1897	Evan D. John	Carbondale	Jackson.
Sept. 13, 1897	Thomas Weeks	Colfax	McLean.
Sept. 13, 1897	Alex Skinner	Diamond	Grundy.
Sept. 13, 1897	Robert Pickett	Springvalley	Bureau.
Sept. 13, 1897	J. L. Svanberg	Danville	Vermilion.
Sept. 13, 1897	J. E. Williams	Westville	Vermilion.
Sept. 13, 1897	J. W. Graham	Dunfermline	Fulton.
Sept. 13, 1897	H. McAllister	Streator	LaSalle.
Sept. 12, 1899	Evan D. John	Carbondale	Jackson.
Sept. 12, 1899	John E. Williams	Danville	Vermilion.
Sept. 12, 1899	John Dunlop	Centralia	Marion.
Sept. 12, 1899	Hector McAllister	Streator	LaSalle.
Sept. 12, 1899	John W. Graham	Dunfermline	Fulton.
Sept. 12, 1899	Walton Rutledge	Alton	Madison.
Sept. 12, 1899	Thomas Hudson	Galva	Henry.
Sept. 12, 1899	David Wilson	Springvalley	Bureau.
Sept. 9, 1901	James Taylor	Edwards	Peoria.
Sept. 9, 1901	Thomas Weeks	Colfax	McLean.
Sept. 9, 1901	James Freer*	Peoria	Peoria.
Sept. 9, 1901	Thomas Hudson*	Galva	Henry.
Sept. 9, 1901	Hector McAllister*	Streator	LaSalle.
Sept. 9, 1901	Walton Rutledge*	Alton	Madison.
Sept. 9, 1901	John E. Williams*	Danville	Vermilion.
Sept. 9, 1901	Evan D. John*	Carbondale	Jackson.
Sept. 9, 1901	John W. Graham*	Canton	Fulton.
Sept. 9, 1901	John Dunlop*	Centralia	Marion.
Sept. 8, 1903	Hector McAllister*	Streator	LaSalle.
Sept. 8, 1903	Thomas Hudson*	Galva	Henry.
Sept. 8, 1903	John Dunlop*	Centralia	Marion.
Sept. 8, 1903	Evan D. John*	Carbondale	Jackson.
Sept. 8, 1903	James Taylor*	Edwards	Peoria.
Sept. 8, 1903	Walton Rutledge*	Alton	Madison.
Sept. 8, 1903	Thomas Weeks	Blooming on	McLean.
July 13, 1904	William Atkinson	Murphysboro	Jackson.
June 28, 1905	Thomas Hannah	Riverton	Sangamon.
June 28, 1905	John G. Massie	Belleville	St. Clair.
June 28, 1905	Robert J. Pickett	Ladd	Bureau.
June 28, 1905	Wm. W. Williams	Marissa	St. Clair.
Sept. 13, 1905	Frank J. Campbell	Maryville	Madison.
Sept. 13, 1905	Thomas Hannah	Riverton	Sangamon.
Sept. 13, 1905	Wm. W. Williams	Marissa	St. Clair.
Sept. 13, 1905	Thomas Little	Herrin	Williamson.
Nov. 14, 1906	Wm. S. Burriss	Gillespie	Macoupin.
Nov. 14, 1906	Thomas Moses	Westville	Vermilion.
Sept. 9, 1907	Thomas Hannah	Springfield	Sangamon.
Sept. 9, 1907	Thomas Moses	Westville	Vermilion.
Sept. 9, 1907	Thomas Little	Carbondale	Jackson.
Sept. 9, 1907	William Williams	Litchfield	Montgomery.
Sept. 9, 1907	Christopher K. Nordness	Springfield	Sangamon.
Sept. 9, 1907	W. S. Burris	Duquoin	Perry.
Sept. 9, 1907	John G. Massie	Belleville	St. Clair.
Sept. 13, 1909	Oscar Cartlidge	Benton	Franklin.
Sept. 13, 1909	Thomas Moses	Westville	Vermilion.
Sept. 13, 1909	W. S. Burriss	Duquoin	Perry.
Sept. 11, 1911	Thomas Moses	Westville	Vermilion.
Sept. 11, 1911	Thomas P. Back	Canton	Fulton.
Sept. 11, 1911	Frank Rosbottom	Benton	Franklin.
Sept. 11, 1911	W. L. Morgan	Belleville	St. Clair.
Sept. 11, 1911	Joseph Fairbairn	Farmington	Fulton.
Sept. 11, 1912	Charles Krallman	Glen Carbon	Madison.
Sept. 11, 1912	Thomas C. Wright	Belleville	St. Clair.
Sept. 11, 1912	Robert Reavley	Riverton	Sangamon.
Nov. 20, 1913	David Z. Thrush	Farmington	Fulton.
Nov. 20, 1913	David E. Wall	Springfield	Sangamon.
Nov. 20, 1913	Thomas E. Myers	Marion	Williamson.
Nov. 20, 1913	J. E. Jones	Danville	Vermilion.
Nov. 20, 1913	John McClintock	Johnston City	Williamson.
Nov. 20, 1913	James S. Reid	Carterville	Williamson.
Nov. 20, 1913	R. E. M. Coulson	Glen Carbon	Madison.
Nov. 20, 1913	J. W. Starks	Georgetown	Vermilion.
Nov. 20, 1913	Joseph Haskins	Catlin	Vermilion.
Nov. 20, 1913	John W. Siddell	Tower Hill	Shelby.

Examinations of State Inspectors of Mines—Concluded.

Date of examination.	Name of those passing examination.	Post office.	County.
Nov. 20, 1913	George L. Morgan	Benton	Franklin.
Nov. 20, 1913	J. C. Duncan	..do	Franklin.
Nov. 20, 1913	Patrick Hogan	Canton	Fulton.
Nov. 20, 1913	Thos. H. Devlin	Assumption	Christian.
Nov. 20, 1913	Ben D. Roberts	Streator	LaSalle.
Nov. 20, 1913	Archibald Frew	Gillespie	Macoupin.
Nov. 20, 1913	John Garrity	Riverton	Sangamon.
Nov. 20, 1913	William Hartman	Belleville	St. Clair.
Nov. 20, 1913	John Kaney	Centralia	Marion.
Sept. 8, 1914	Alexander C. Skelton	Springfield	Sangamon.
Sept. 8, 1914	S. D. Hoye	Christopher	Franklin.
Sept. 8, 1914	John Duddy	Johnston City	Williamson.
Sept. 8, 1914	Martin Bolt	Springfield	Sangamon.
Sept. 14, 1915	Henry O'Connor	Springvalley	Bureau.
Sept. 14, 1915	R. W. Sauerbier	Hillsboro	Montgomery.
Sept. 14, 1915	John McMillan	Gillespie	Macoupin.
Sept. 14, 1915	James McMillan	Pekin	Tazewell.
Sept. 14, 1915	Francis J. Devlin	Springfield	Sangamon.
Sept. 14, 1915	T. J. Connolly	Assumption	Christian.
Sept. 14, 1915	Barnard Cosgrove	Benton	Franklin.
Sept. 14, 1915	James F. Morris	Springfield	Sangamon.

* Filed under the section of law which exempted all who had successfully passed two examinations and had served two terms as State Inspector of Mines.

Inspection Districts, 1883 to 1895.

Districts and counties.	Inspector.	Year appointed.
FIRST DISTRICT.		
Grundy, Kankakee, LaSalle, Livingston, Will.	Alexander Ronald	1883
	Quintin Clark	1887
	Thomas S. Cumming	1893
SECOND DISTRICT.		
Bureau, Hancock, Henry, Knox, McDonough, Marshall, Mercer, Rock Island, Schuyler, Stark, Warren.	Thomas Hudson	1883
	Edward Fellows	1893
THIRD DISTRICT.		
Cass, Fulton, Logan, McLean, Menard, Peoria, Tazewell, Vermilion, Woodford.	James P. Cumming	1883
	John Rollo	1884
	James Freer	1885
	James A. Keating	1893
FOURTH DISTRICT.		
Bond, Calhoun, Christian, Coles, Edgar, Green, Jasper, Jersey, Macon, Macoupin, Madison, Morgan, Montgomery, Sangamon, Scott, Schuyler.	Walton Rutledge	1883
	John Keay	1893
FIFTH DISTRICT.		
Clinton, Gallatin, Jackson, Johnson, Marion, Perry, Randolph, St. Clair, Saline, Washington, Williamson.	Robert Winning	1883
	James Taylor	1887
	Elisha Beadle	1890
	John G. Massie	1891
	Hugh J. Hughes	1893

Inspection Districts, 1895 to 1905.

Districts and counties.	Inspector.	Year appointed.
FIRST DISTRICT.		
Grundy, Kankakee, LaSalle, Livingston, Will.	James A. Keating	1895
	Hector McAllister	1897
SECOND DISTRICT.		
Bureau, Henry, Marshall, Mercer, Peoria, Putnam, Rock Island, Stark, Woodford.	Charles Duncan	1895
	Thomas Hudson	1897

Inspection Districts, 1895 to 1905—Concluded.

Districts and counties.	Inspector.	Year appointed.
THIRD DISTRICT.		
Brown, Fulton, Hancock, Knox, McDonough, Schuyler, Warren.	Robert Pickett	1895
	John W. Graham	1897
	James Taylor	1901
FOURTH DISTRICT.		
Cass, Edgar, Logan, McLean, Macon, Menard, Tazewell, Vermilion.	Henry E. Malloy	1895
	John E. Williams	1897
	Thomas Weeks	1901
FIFTH DISTRICT.		
Calhoun, Christian, Green, Jersey, Macoupin, Montgomery, Morgan, Sangamon, Scott, Shelby.	John Keay	1895
	Walton Rutledge	1897
SIXTH DISTRICT.		
Bond, Clinton, Madison, Marion, St. Clair.	Thomas S. Cumming	1895
	John Dunlop	1897
SEVENTH DISTRICT.		
Gallatin, Hamilton, Jackson, Jefferson, Johnson, Perry, Randolph, Saline, Washington, White, Williamson.	James B. Bennett	1895
	Evan D. John	1897

Note.—Changes were made in the districts as follows: Knox and Warren were transferred from Third to the second; Cass, Menard and Tazewell from the Fourth to the Third; Peoria from Second to Third; Woodford from Second to Fourth; Christian and Shelby from Fifth to Fourth; Brown from Third to Fifth.

Inspection Districts, 1905 to 1911.

Districts and counties.	Inspector.	Year appointed.
FIRST DISTRICT.		
Grundy, Kankakee, LaSalle, Will.	Hector McAllister	1905
SECOND DISTRICT.		
Bureau, Henry, Knox, Mercer, Rock Island, Warren.	Thomas Hudson	1905
THIRD DISTRICT.		
Livingston, Marshall, Peoria, Putnam, Stark, Woodford.	James Taylor	1905
	John Dunlop	1907
FOURTH DISTRICT.		
Fulton, Hancock, McDonough, McLean, Tazewell.	Thomas Weeks	1905
FIFTH DISTRICT.		
Edgar, Macon, Moultrie, Vermilion.	Thomas Hannah	1905
	Thomas Moses	1906
	W. S. Burris	1910
SIXTH DISTRICT.		
Brown, Cass, Logan, Menard, Morgan, Sangamon, Schuyler.	Frank J. Campbell	1905
	Thomas Hannah	1906
	James Taylor	1908
SEVENTH DISTRICT.		
Calhoun, Christian, Green, Jersey, Macoupin, Montgomery, Morgan, Scott, Shelby.	W. W. Williams	1905
EIGHTH DISTRICT.		
Bond, Madison, St. Clair.	Walton Rutledge	1905
NINTH DISTRICT.		
Clinton, Franklin, Jefferson, Marion, Perry, Randolph, Washington, White.	John Dunlop	1905
	W. S. Burris	1906
	Oscar Cartlidge	1910
TENTH DISTRICT.		
Gallatin, Jackson, Johnson, Saline, Williamson.	Thomas Little	1905

Note.—The following changes in the districts were made: 1908, Schuyler was transferred from the Sixth to the Fourth; Christian and Shelby from Seventh to Fourth; Scott from Seventh to Sixth; Marion from Ninth to Seventh; Gallatin and Saline from Tenth to Ninth; 1909, Putnam from Third to First, Fulton from Fourth to second; Logan and Menard from Sixth to Third; McLean and Tazewell from Fourth to Third; Brown, Cass, Morgan and Sangamon from Sixth to Fourth, Christian and Shelby from Fourth to Fifth; Calhoun, Greene, Jersey, Macoupin and Montgomery from Seventh to Sixth; Bond and Madison from Eighth to Seventh; Clinton, Marion and Washington from Ninth to Seventh; Randolph from Ninth to Eighth; Gallatin and Saline from Tenth to Ninth. 1910, Livingston from Third to First; Putnam from First to Second; Stark from Third to Second; Bureau and Knox from Second to Third; Logan from Third to Fourth; Scott and Schuyler from Sixth to Fourth.

Inspection Districts, 1911 to 1916.

Districts and counties.	Inspector.	Year appointed.
FIRST DISTRICT.		
Grundy, LaSalle, Livingston, Will.	Hector McAllister	1911
	Ben D. Roberts	1914
SECOND DISTRICT.		
Bureau, Henry, Knox, Mercer, Rock Island, Stark, Warren.	Thomas Hudson	1911
	Thomas H. Devlin	1914
THIRD DISTRICT.		
Marshall, Menard, Peoria, Putnam, Tazewell, Woodford.	John Dunlop	1911
	Patrick Hogan	1914
	George L. Morgan	1914
FOURTH DISTRICT.		
Cass, Fulton, Hancock, McDonough, Morgan, Schuyler, Scott.	James Taylor	1911
	David Z. Thrush	1914
FIFTH DISTRICT.		
Christian, Macon, Moultrie, Shelby, Vermilion.	W. S. Burris	1911
	J. W. Starks	1913
SIXTH DISTRICT.		
Logan, McLean, Sangamon.	Thomas P. Back	1911
	John Garrity	1914
SEVENTH DISTRICT.		
Calhoun, Green, Jersey, Macoupin, Montgomery.	W. W. Williams	1911
	Archibald Frew	1914
EIGHTH DISTRICT.		
Bond, Clinton, Madison, Marion.	W. L. Morgan	1911
	John Kaney	1914
NINTH DISTRICT.		
St. Clair.	Walton Rutledge	1911
	William Hartman	1914
TENTH DISTRICT.		
Jackson, Jefferson, Perry, Randolph, Washington.	Thomas Little	1911
	John McClintock	1914
ELEVENTH DISTRICT.		
Franklin, Gallatin, Saline, White.	Frank Rosbottom	1911
	George L. Morgan	1914
	John E. Jones	1915
TWELFTH DISTRICT.		
Johnson, Williamson.	Oscar Cartlidge	1911
	J. W. Fairbairn	1912
	John Garrity	1914
	James S. Reid	1914

Mine Managers.

The following is a list of all who have passed the examinations and received certificates as mine managers. The post-office addresses here given are those recorded at the time the certificates were issued, and in many cases have been discontinued.

The asterisk (*) preceding the date indicates that no regular examination was held at that time.

The law requiring mine managers was effective July 1, 1892. From this date to July 25, 1899, certificates were classed as "Competency," good at any mine in the State, and "Service," valid only at the mine where the employee had been in continuous service for one year or more. From July 25, 1899, to April 19, 1906, the classification was "Competency" and "Local," and since that time they have been called first and second class.

Name.	Post office.	County.	Age.	Date of examination.	Kind of certificate.
Aby, J. J.	Laura	Peoria	40	Dec. 5, 1899	Local.
Adam, William	Staunton	Macoupin	32	Nov. 11, 1912	First class.
Adams, Alexander	Carterville	Williamson	40	July 10, 1911	First class.

MINE MANAGERS—Continued.

Name.	Post office.	County.	Age.	Date of examination.	Kind of certificate.
Adams, Chas. T.	Roseborough	Randolph	39	Nov. 18, 1895	Competency.
Adams, Chas. Tulley	..do	..do	35	Nov. 16, 1891	Service.
Adams, Horace L.	Staunton	Macoupin	37	July 31, 1905	Competency.
Adams, John	Willisville	Perry	27	Aug. 12, 1907	Second class.
Adams, J. M.	Wanlock	Mercer	44	May 16, 1896	Competency.
Adams, J. N.	Denmark	Perry	31	Sept. 26, 1899	Local.
Adams, Leonard	Cuba	Fulton	33	July 16, 1906	Second class.
Adkins, Elmer	Danville	Vermilion	31	Feb. 14, 1905	Local.
Adkins, J. T.	Roodhouse	Greene	38	Apr. 5, 1915	Second class.
Ahlgreen, Emil	Kewanee	Henry	36	Dec. 10, 1900	Local.
Ainsworth, Samuel	Taylorville	Christian	24	May 16, 1896	Competency.
Ainsworth, Samuel	..do	..do	54	Feb. 15, 1892	Competency.
Ainsworth, Thos.	..do	..do	22	Nov. 18, 1895	Competency.
Aitken, Jas.	Streator	LaSalle	37	Sept. 12, 1892	Competency.
Akers, Max V.	Tiskilwa	Bureau	30	Jan. 17, 1910	Second class.
Aldrage, John	Danville	Vermilion	48	*Sept. 12, 1899	Local.
Aldrich, M. M.	Geneseo	Henry	35	July 25, 1899	Local.
Aldridge, William R.	Danville	Vermilion	30	*Sept. 12, 1899	Local.
Alexander, John	Collinsville	Madison	36	Feb. 22, 1904	Competency.
Alexander, Orie A.	Huntsville	Schuyler	33	*Sept. 5, 1900	Local.
Allais, Victor	Christopher	Franklin	54	Oct. 12, 1915	First class.
Allan, David T.	LaSalle	LaSalle	56	Jan. 12, 1903	Competency.
Allen, Arthur S.	Thayer	Sangamon	46	Oct. 12, 1914	First class.
Allen, Frank	Canton	Fulton	33	Sept. 8, 1913	Second class.
Allen, Fred	Staunton	Macoupin	35	Nov. 13, 1905	Competency.
Allen, James T.	Pleasantview	Schuyler	50	July 25, 1899	Local.
Allen, John A.	Colona	Henry	51	Mar. 25, 907	econd class.
Allen, W. H.	Roodhouse	Greene	29	Sept. 21, 1908	Second class.
Allen, W. P.	Spillertown	Williamson	48	Nov. 24, 1902	Local.
Allison, Elmer	Danville	Vermilion	34	*Sept. 12, 1899	Local.
Allison, John	Loding	Rock Island	36	July 25, 1899	Local.
Allison, William	South Moline	..do	46	Apr. 16, 1906	Second class.
Alsopp, Wm. H.	New Castle	Henry	48	Dec. 18, 1893	Service.
Altig, J. P.	Petersburg	Menard	35	Nov. 11, 1912	Second class.
Alward, Frank	Canton	Fulton	41	Jan. 14, 1907	Second class.
Amberger, Joseph	Moweaqua	Shelby	29	Jan. 16, 1905	Competency.
Amerson, William A.	Glen Carbon	Madison	25	Apr. 16, 1906	First class.
Anderson, Alexander	Danville	Vermilion	25	Jan. 14, 1907	First class.
Anderson, Alexander	Streator	LaSalle	54	*Oct. 21, 1902	Local.
Anderson, Charles E.	Oakwood	Vermilion	26	Jan. 17, 1910	First class.
Anderson, Eli	Victoria	Knox	51	Nov. 1, 1909	Second class.
Anderson, George	Streator	LaSalle	27	July 31, 1905	Competency.
Anderson, James	Kewanee	Henry	36	Jan. 8, 1906	Competency.
Anderson, James	Ladd	Bureau	38	Oct. 18, 1893	Competency.
Anderson, Jas. C.	Streator	LaSalle	25	May 21, 1900	Competency.
Anderson, James S.	Trenton	Clinton	36	Apr. 11, 1910	First class.
Anderson, John	Yates City	Knox	39	Oct. 12, 1914	Second class.
Anderson, John M.	Streator	LaSalle	27	June 13, 1904	Competency.
Anderson, Josh	Equality	Gallatin	34	Apr. 27, 1903	Local.
Anderson, Lee A.	Ottawa	LaSalle	28	*Feb. 7, 1900	Local.
Anderson, Newton	Farmington	Fulton	31	Jan. 17, 1910	Second class.
Anderson, N. C.	Knoxville	Knox	51	*June 20, 1900	Local.
Anderson, N. H.	Wataga	..do	59	July 25, 1899	Local.
Anderson, William	Streator	LaSalle	56	Oct. 26, 1891	Service.
Anderson, W.	..do	..do	57	Sept. 12, 1892	Competency.
Anderson, W. C.	Elmwood	Peoria	37	Oct. 21, 1895	Competency.
Andreas, Aug.	Belleville	St. Clair	36	Nov. 18, 1895	Competency.
Andreas, Aug.	..do	..do	34	Nov. 20, 1893	Service.
Andree, Adolph	Petersburg	Menard	51	Apr. 10, 1911	Second class.
Angle, E. C.	Cuba	Fulton	25	Jan. 15, 1912	Second class.
Anna, Chas.	Belleville	St. Clair	39	Jan. 20, 1902	Local.
Apblett, Wm. R.	Springfield	Sangamon	35	Feb. 15, 1892	Competency.
Appleby, John	East Peoria	Tazewell	38	Aug. 6, 1900	Competency.
Appleby, Robert	..do	..do	41	Apr. 11, 1910	Second class.
Archer, John	Barclay	Sangamon	45	Dec. 18, 1893	Competency.
Archoball, Daniel	Freeburg	St. Clair	34	Nov. 20, 1893	Competency.
Argus, Leonard	Sato	Jackson	37	July 25, 1899	Local.
Argyle, Joseph	Coal City	Grundy	61	June 6, 1899	Competency.
Armentrout, Martin	Duncan	Stark	34	Feb. 12, 1900	Local.
Armitage, Walton	Exeter	Scott	39	July 12, 1909	Second class.
Armstrong, Thos. J.	Springvalley	Bureau	38	Oct. 31, 1891	Competency.
Armstrong, Wm. C.	Marion	Williamson	30	Sept. 9, 1901	Competency.
Arnett, Sidney A.	Lewistown	Fulton	49	Nov. 11, 1912	Second class.
Arrandale, John W.	Streator	LaSalle	45	Dec. 14, 1903	Local.
Ash, Thomas G.	Girard	Macoupin	28	Feb. 22, 1904	Competency.
Ashcraft, J. W.	Mayton	Fulton	42	Sept. 22, 1902	Local.

Mine Managers—Continued.

Name.	Post office.	County.	Age.	Date of examination.	Kind of certificate.
Aston, Emanuel	Danville	Vermilion	27	Apr. 27, 1903	Local.
Aston, Hubert	Fairmount	..do	48	Feb. 15, 1892	Service.
Aston, Hubert	..do	..do	52	Nov. 23, 1896	Competency.
Atherton, C. D	Ipava	Fulton	28	June 15, 1914	Second class.
Atkins, Edward	Streator	LaSalle	50	Oct. 21, 1895	Competency.
Atkinson, Amos	Colchester	McDonough	27	July 25, 1899	Local.
Atkinson, Chas. W	..do	..do	26	*Feb. 20, 1900	Local.
Atkinson, Edward	Streator	LaSalle	46	Oct. 26, 1891	Service.
Atkinson, E. Lee	..do	..do	25	Jan. 16, 1905	Competency.
Atkinson, John G	Pekin	Tazewell	30	Dec. 14, 1903	Competency.
Atkinson, John W	Kewanee	Henry	25	Dec. 15, 1913	Second class.
Atkinson, L. Clyde	Springfield	Sangamon	34	Dec. 19, 1910	First class.
Atkinson, M	Kewanee	Henry	36	July 25, 1899	Local.
Atkinson, William	Murphysboro	Jackson	51	Mar. 1, 1898	Competency.
Augel, Chas	Belleville	St. Clair	23	Jan. 21, 1895	Competency.
Augill, Hiram	..do	..do	46	Nov. 20, 1893	Service.
Augill, Hiram	..do	..do	47	Jan. 21, 1895	Competency.
Auglin, John	Shelbyville	Shelby	47	Dec. 14, 1903	Local.
Avery, Geo. W	Industry	McDonough	43	*Jan. 20, 1904	Local.
Avery, William	Belleville	St. Clair	35	Apr. 27, 1908	First class.
Avery, Wm	..do	..do	35	Mar. 25, 1907	Second class.
Ax, John	Edwardsville	Madison	46	Oct. 10, 1892	Competency.
Axford, Thomas	Petersburg	Menard	44	Dec. 18, 1893	Competency.
Axford, Thomas	..do	..do	39	Feb. 15, 1892	Service.
Axley, A. E	Roodhouse	Greene	55	June 14, 1915	Second class.
Axley, Edward	..do	..do	39	*Sept. 12, 1899	Local.
Aylsworth, John	Frederick	Schuyler	50	*Dec. 5, 1905	Local.
Back, Robt. F	Springfield	Sangamon	39	June 16, 1913	First class.
Back, Thomas	Mapleton	Peoria	37	Oct. 18, 1893	First class.
Backing, William	East Peoria	Tazewell	38	*Sept. 12, 1899	Local.
Backofen, Jacob	Littleton	Schuyler	38	July 25, 1899	Local.
Badders, Geo	Carriers Mills	Saline	41	*Sept. 16, 1905	Local.
Bagwill, Geo	Johnston City	Williamson	37	Dec. 2, 1907	First class.
Bailey, Joseph	Duquoin	Perry	22	Oct. 10, 1892	Competency.
Bailey, Oliver	Carbondale	Jackson	56	Sept. 26, 1899	Local.
Bailey, Robert	Sunfield	Perry	46	Nov. 16, 1891	Service.
Bailey, William	Athens	Menard	30	Dec. 18, 1893	Competency.
Bailey, W. R	Sparta	Randolph	46	*Sept. 16, 1905	Local.
Baird, J. D	Westville	Vermilion	34	Oct. 15, 1906	First class.
Baird, Oswald	Colchester	McDonough	56	July 25, 1899	Local.
Baird, W. C	Carbondale	Jackson	37	Sept. 26, 1899	Local.
Baker, Chas	Centralia	Marion	37	July 16, 1906	First class.
Baker, Frank	Kingston Mines	Peoria	35	Aug. 15, 1910	Second class.
Baker, F. W	Fairbury	Livingston	33	*May 11, 1904	Local.
Baker, Gustave	Streator	LaSalle	27	Feb. 15, 1892	Competency.
Baker, Hilan D	Coal Valley	Rock Island	39	*Oct. 3, 1905	Local.
Baker, Joseph	Ottawa	LaSalle	40	*Sept. 12, 1899	Local.
Baker, J. W	Ipava	Fulton	43	Feb. 8, 1915	Second class.
Baker, L. E	Oakwood	Vermilion	38	*Sept. 12, 1899	Local.
Baker, Millard	Murphysboro	Jackson	43	Dec. 15, 1913	First class.
Baker, Sam'l G	Auburn	Sangamon	37	Jan. 16, 1905	Competency.
Baker, William H	Industry	McDonough	46	July 25, 1899	Local.
Balducche, Lorenzo	Catlin	Vermilion	37	Jan. 8, 1906	Local.
Baldwin, John O	Equality	Gallatin	31	*Sept. 16, 1905	Local.
Bales, Joseph F	Danville	Vermilion	37	Dec. 10, 1900	Local.
Ball, Edward	Bartonville	Peoria	46	Nov. 23, 1896	Competency.
Ball, Samuel	North Alton	Madison	37	*Sept. 12, 1899	Local.
Balmer, John D	Bartonville	Peoria	43	Jan. 12, 1903	Local.
Bambrough, G. N	Springfield	Sangamon	26	July 27, 1908	First class.
Bangart, Henry	Lincoln	Logan	38	Feb. 15, 1892	Service.
Bankes, John J	Rushville	Schuyler	29	June 27, 1910	Second class.
Banney, H. E	Abingdon	Knox	29	*Sept. 12, 1899	Local.
Bannister, H. T	Benton	Franklin	33	Feb. 8, 1915	First class.
Barbary, Paul	Ava	Jackson	33	Jan. 16, 1905	Local.
Barber, Wm	Colchester	McDonough	41	July 25, 1899	Local.
Bargreen, Charles	Streator	LaSalle	26	*Sept. 12, 1899	Local.
Barkey, Wm. J	St. David	Fulton	33	Apr. 27, 1903	Local.
Barkley, Charley	Farmington	..do	30	Nov. 13, 1905	Local.
Barlow, Henry	Coffeen	Montgomery	37	Feb. 15, 1892	Competency.
Barlow, John W	Johnston City	Williamson	27	Nov. 14, 1904	Competency.
Barnes, James	Braidwood	Will	33	Jan. 12, 1903	Competency.
Barnet, Oliver	Bryant	Fulton	47	Oct. 10, 1892	Competency.
Barnett, W. M	Palzo	Williamson	33	Sept. 22, 1902	Local.
Barratt, John C	Duquoin	Perry	33	May 21, 1900	Competency.
Barron, James	Cantrall	Sangamon	64	May 16, 1896	Competency.

Mine Managers—Continued.

Name.	Post office.	County.	Age.	Date of examination.	Kind of certificate.
Barron, James	Springfield	Sangamon	60	Feb. 15, 1892	Service.
Barrowman, Andrew	Springvalley	Bureau	30	Dec. 19, 1910	First class.
Barrowman, George S	Clifford	Williamson	41	Feb. 17, 1908	First class.
Barrowman, James	Granville	Putnam	29	Apr. 16, 1912	First class.
Barrowman, James	Braidwood	Will	35	Sept. 9, 1901	Competency.
Barrowman, Wm. T	DeSoto	Jackson	32	Jan. 8, 1906	Competency.
Bartels, Henry H	Divernon	Sangamon	31	Apr. 14, 1913	First class.
Barter, Chas	Bryant	Fulton	39	July 25, 1899	Local.
Bartlett, Thomas	Cuba	..do	48	Feb. 28, 1899	Competency.
Bartlett, Thomas	..do	..do	42	Dec. 14, 1891	Service.
Barwell, John	Marissa	St. Clair	50	Oct. 10, 1892	Competency.
Barwell, John	..do	..do	49	Jan. 18, 1892	Service.
Bass, Oscar	Wyoming	Stark	58	Nov. 14, 1904	Local.
Basso, Joseph	Athens	Menard	31	Jan. 8, 1906	Competency.
Bates, Geo. H	Kewanee	Henry	48	July 25, 1899	Local.
Bates, R. D	Winchester	Scott	21	Apr. 13, 1897	Competency.
Bates, Watson	Rushville	Schuyler	48	*May 11, 1904	Local.
Bates, William H	Winchester	Scott	46	Feb. 15, 1892	Service.
Bates, W. H	..do	..do	42	Nov. 18, 1895	Competency.
Bates, Wm. T	Kewanee	Henry	49	*June 30, 1905	Local.
Bath, Abram	St. David	Fulton	63	*Nov. 24, 1899	Local.
Bath, Isaac	Lewistown	..do	61	July 25, 1899	Local.
Bath, William	St. David	..do	42	Feb. 9, 1914	Second class.
Bauder, Fred	Herrin	Williamson	34	Nov. 13, 1905	Competency.
Bauer, John H	Freeburg	St. Clair	32	Dec. 19, 1910	First class.
Bauer, Valentine	Clyde	Macoupin	54	Nov. 18, 1895	Competency.
Baugh, William	Henry	Marshall	56	*Sept. 12, 1899	Local.
Baumer, Fred	Marquette	Bureau	33	May 16, 1896	Competency.
Bauser, Edward A	Bunker Hill	Macoupin	36	Nov. 1, 1909	Second class.
Baxter, Benjamin	Shelbyville	Shelby	40	Apr. 10, 1911	Second class.
Baxter, H. G	Fairview	Fulton	28	May 15, 1916	Second class.
Baxter, Neil	Canton	..do	53	Nov. 1, 1909	Second class.
Baxter, Robert	..do	..do	26	May 15, 1916	First class.
Baxter, Wm	Ladd	Bureau	41	Oct. 22, 1894	Competency.
Baxter, W. G	Canton	Fulton	35	Oct. 11, 1915	First class.
Bayless, I. N	Christopher	Franklin	28	Feb. 9, 1914	First class.
Beaghan, Peter	Cantrall	Sangamon	41	June 6, 1899	Competency.
Beard, J. F	Duquoin	Perry	38	Apr. 12, 1909	First class.
Beathe, Richard	Murphysboro	Jackson	45	May 21, 1900	Competency.
Beattie, John	Danville	Vermilion	57	Feb. 15, 1892	Competency.
Beatty, James	Mascoutah	St. Clair	72	Nov. 18, 1895	Competency.
Beatty, John T	..do	..do	32	Nov. 14, 1904	Local.
Beatty, John T	..do	..do	32	Jan. 12, 1903	Local.
Beatty, Nephin	..do	..do	36	Nov. 14, 1904	Competency.
Bechtner, Paul G	Ottawa	LaSalle	32	Feb. 8, 1915	Second class.
Becker, Chas	Staunton	Macoupin	43	June 13, 1904	Competency.
Becker, F. W	Pinckneyville	Perry	57	Nov. 23, 1896	Competency.
Becker, Henry	Peoria	Peoria	26	June 16, 1902	Competency.
Becker, John	Kewanee	Henry	60	Apr. 17, 1905	Local.
Becker, John	..do	..do	37	Feb. 9, 1914	Second class.
Becker, Peter	Petersburg	Menard	38	Oct. 15, 1900	Competency.
Beckman, Theodore	Glen Carbon	Madison	41	Oct. 15, 1906	First class.
Bectler, John	Pekin	Tazewell	33	*Oct. 31, 1899	Local.
Beddow, Benjamin	Danville	Vermilion	34	*Sept. 4, 1900	Local.
Beecham, Walter	Bureeton	Fulton	27	Nov. 11, 1912	First class.
Beelmer, John	St. Johns	Perry	67	May 16, 1896	Competency.
Beers, M. A	Cable	Mercer	50	July 25, 1899	Local.
Beese, Chas. A	Belleville	St. Clair	27	Apr. 19, 1905	Competency.
Beese, John	Birkner	..do	49	June 24, 1901	Competency.
Beese, John	O'Fallon	..do	30	July 16, 1906	First class.
Beever, J. H	Farmington	Fulton	55	*June 6, 1900	Local.
Beggs, David W	Marquette	Bureau	24	Oct. 15, 1906	First class.
Beggs, Samuel	Clark City	Kankakee	37	Oct. 31, 1891	Service.
Beggs, Samuel	..do	..do	42	Feb. 20, 1896	Competency.
Beharelle, Alfred	Orchard Mines	Peoria	42	Dec. 6, 1898	Competency.
Belger, John	Nilwood	Macoupin	48	Oct. 10, 1892	Competency.
Bell, Charles H	Pleasantview	Schuyler	56	*Sept. 12, 1899	Local.
Bell, James	Morris	Grundy	32	*Sept. 12, 1899	Local.
Bell, Richard	Gillespie	Macoupin	30	Feb. 15, 1892	Competency.
Bell, Wm	Streator	LaSalle	35	Jan. 21, 1895	Competency.
Beltz, Andrew H	Harrisburg	Saline	31	Oct. 19, 1903	Competency.
Beltz, Geo	Carterville	Williamson	33	Oct. 19, 1903	Local.
Beltz, Lindolph	..do	..do	35	Nov. 25, 1901	Local.
Benefield, John E	Shelbyville	Shelby	38	*Feb. 23, 1910	Second class.
Bengston, John A	Galva	Henry	32	Dec. 14, 1891	Service.
Benjum, George E	Ottawa	LaSalle	33	*Jan. 13, 1900	Local.

Mine Managers—Continued.

Name.	Post office.	County.	Age.	Date of examination.	Kind of certificate.
Bennett, Fred	Chillicothe	Peoria	36	*Sept. 12, 1899	Local.
Bennett, James	Odin	Marion	32	Oct. 10, 1892	Competency.
Bennett, John	Centralia	..do	37	Jan. 21, 1895	Competency.
Bennett, William	Pawnee	Sangamon	28	Aug. 15, 1910	First class.
Benson, John	Winchester	Scott	55	Nov. 30, 1908	Second class.
Benson, William	..do	..do	38	June 16, 1902	Local.
Bercroft, Leonard	Atkinson	Henry	36	*Nov. 10, 1903	Local.
Berger, Edwin L	Duquoin	Perry	31	Feb. 8, 1915	First class.
Berkstresser, Wm. A	..do	..do	32	Oct. 10, 1892	Competency.
Bernthal, Carl S	Worden	Madison	26	Aug. 15, 1910	First class.
Berry, Charles	Monica	Peoria	58	*Sept. 12, 1899	Local.
Berry, Geo. E	Peoria	..do	38	*Feb. 14, 1905	Local.
Berry, Jessiar	Greenview	Menard	26	Oct. 15, 1900	Competency.
Berry, John	Macomb	McDonough	37	July 25, 1899	Local.
Berry, R. M	Cottage Grove	Saline	48	Sept. 26, 1899	Local.
Berry, William	Monica	Peoria	36	*Feb. 17, 1903	Local.
Berry, W. J	Macomb	McDonough	45	July 25, 1899	Local.
Betson, Richard	Farmington	Fulton	35	July 12, 1909	First class.
Betts, Joseph E	Belleville	St. Clair	36	Jan. 18, 1892	Competency.
Betz, Charles	Duquoin	Perry	44	Oct. 10, 1892	Competency.
Betz, Chas. C	..do	..do	43	Nov. 16, 1891	Service.
Beuer, Jacob W	Castleton	Stark	38	*Sept. 12, 1899	Local.
Beuer, Joseph	..do	..do	40	*Sept. 12, 1899	Local.
Bevan, William	Springvalley	Bureau	38	Apr. 11, 1910	First class.
Bevard, F. C	Carterville	Williamson	43	Dec. 5, 1899	Competency.
Bevard, John J	Kinmundy	Marion	32	Sept. 12, 1895	Competency.
Beveridge, David	Sorento	Bond	34	Jan. 18, 1892	Competency.
Bexton, Wm. G	Colchester	McDonough	27	July 25, 1899	Local.
Beyer, Curt	Mt. Olive	Macoupin	31	Apr. 27, 1908	First class.
Beynon, J. G	Belleville	St. Clair	37	July 16, 1906	First class.
Biebel, Henry	Rentchler	..do	48	Jan. 18, 1892	Service.
Biebel, Henry	..do	..do	48	Mar. 1, 1898	Competency.
Biggins, James	Sorento	Bond	32	Oct. 10, 1892	Competency.
Biggs, Henry	Ledford	Saline	25	*May 11, 1904	Local.
Biggs, Isaac N	Tallula	Menard	40	Oct. 15, 1906	Second class.
Billings, Arthur	Lewistown	Fulton	29	Oct. 12, 1914	Second class.
Bingston, John A	Galva	Henry	40	Oct. 21, 1895	Competency.
Bird, Daniel	Roseville	Warren	68	*Nov. 13, 1899	Local.
Bird, Geo. W	Coffeen	Montgomery	34	Apr. 13, 1897	Competency.
Birdois, D	Peoria	Peoria	34	*Sept. 12, 1899	Local.
Birdois, John	..do	..do	36	*Sept. 12, 1899	Local.
Birtin, Henry	Pana	Christian	28	Dec. 18, 1893	Competency.
Birtley, William P	Springfield	Sangamon	43	Oct. 10, 1892	Competency.
Bishop, Austin T	Grape Creek	Vermilion	32	Sept. 21, 1908	Second class.
Bishop, E. L	Cuba	Fulton	43	Apr. 16, 1912	Second class.
Bixby, Harry H	Sparta	Randolph	26	Aug. 15, 1910	Second class.
Bixby, Wm. M	Blair	..do	26	*Sept. 16, 1905	Local.
Bixler, Bert	Carriers Mills	Saline	25	Apr. 14, 1913	Second class.
Blackburn, Kelley	Johnston City	Williamson	30	Nov. 14, 1904	Local.
Blagden, Richard	Leamon	Fulton	54	*Sept. 12, 1899	Local.
Blaine, James	Viola	Mercer	48	Nov. 11, 1912	Second class.
Blair, Gus	Murphysboro	Jackson	24	Jan. 21, 1895	Competency.
Blair, Herbert W	Divernon	Sangamon	35	Sept. 9, 1901	Competency.
Blake, Alfred	Hanna City	Peoria	37	Dec. 14, 1891	Competency.
Blank, Louis	Peoria	..do	34	Aug. 12, 1907	Second class.
Blank, Joseph	..do	..do	44	May 15, 1916	First class.
Blakey, Cuthberth	Wyoming	Stark	39	Aug. 15, 1904	Local.
Blankenship, Wm. F	East Peoria	Tazewell	33	Nov. 24, 1902	Competency.
Blenkinsoff, Thos. N	Cable	Mercer	43	Feb. 12, 1900	Competency.
Blessing, George	East Peoria	Tazewell	29	*Sept. 12, 1899	Local.
Blockley, Rufus	Equality	Gallatin	30	July 25, 1899	Local.
Bloom, Charles	Catlin	Vermilion	43	July 16, 1906	Second class.
Blotevogal, Wm	Worden	Madison	37	Nov. 24, 1902	Local.
Blue, Daniel	Thayer	Sangamon	28	Oct. 12, 1914	First class.
Blue, Ed	Grape Creek	Vermilion	33	Nov. 24, 1902	Local.
Blue, James	Thayer	Sangamon	32	Dec. 14, 1914	First class.
Blue, J. W	Grape Creek	Vermilion	33	July 25, 1899	Local.
Bobell, Louis	Mt. Pulaski	Logan	30	Jan. 8, 1906	Competency.
Bo'e, W. H. A	Chesterfield	Macoupin	38	*Sept. 12, 1899	Local.
Bo'en, Ed	Pre-emption	Mercer	67	July 25, 1899	Local.
Boettcher, F. J	New Athens	St. Clair	27	Aug. 26, 1896	Competency.
Bonlander, John	Pekin	Tazewell	56	May 15, 1916	First class.
Boland, Peter	Carterville	Williamson	40	Jan. 10, 1916	First class.
Bolander, John	Pekin	Tazewell	35	Oct. 22, 1894	Service.
Bolden, A. C	DeSoto	Jackson	37	Nov. 11, 1912	Second class.
Boldwyn, T. W	Vergennes	..do	38	Sept. 26, 1899	Local.

MINE MANAGERS—Continued.

Name.	Post office.	County.	Age.	Date of examination.	Kind of certificate.
Bolt, Martin	Springfield	Sangamon	37	July 27, 1908	First class.
Boman, T. L.	Industry	McDonough	36	*Jan. 20, 1904	Local.
Bone, William	DeSoto	Jackson	33	July 22, 1912	Second class.
Bonnett, A. H.	Pilot	Vermilion	38	*Sept. 12, 1899	Local.
Boostrom, Ben. B.	Wataga	Knox	27	*Sept. 1, 1900	Local.
Boostrom, Edw.	Oneida	..do	34	Apr. 16, 1912	Second class.
Boston, G. W.	Murphysboro	Jackson	30	Jan. 21, 1895	Competency.
Boston, James	Duquoin	Perry	37	Jan. 21, 1895	Competency.
Boston, John W.	Tallula	Menard	41	June 24, 1907	First class.
Bottomley, Edw.	Oglesby	LaSalle	21	Sept. 12, 1892	Competency.
Bottomley, John	..do	..do	23	Sept. 12, 1892	Competency.
Bottomley, William	Utica	..do	47	June 27, 1910	Second class.
Bougard, Henry	Lincoln	Logan	.....	Dec. 18, 1893	Competency.
Bowen, Ben F.	Herrin	Williamson	32	Apr. 14, 1913	First class.
Bowen, M. I.	Staunton	Macoupin	32	Apr. 17, 1905	Competency.
Bowers, Robert	Wenona	LaSalle	42	Feb. 20, 1896	Competency.
Bowie, George	Braidwood	Will	24	Feb. 22, 1904	Competency.
Bowie, James	..do	..do	21	Oct. 26, 1891	Competency.
Bowie, Robt	Johnston City	Williamson	24	Jan. 14, 1907	First class.
Bowker, George	Farmington	Fulton	34	July 22, 1912	First class.
Bowman, G. W.	Yates City	Knox	38	July 25, 1899	Local.
Boyer, A. P.	Etherly	..do	48	July 25, 1899	Local.
Boyer, John A.	Fairmount	Vermilion	29	July 20, 1903	Competency.
Bracken, James A.	Greenview	Menard	50	Oct. 10, 1892	Competency.
Bracker, James A.	..do	..do	49	Feb. 15, 1892	Service.
Brackett, R. A.	Exeter	Scott	29	July 10, 1911	Second class.
Brackhouse, Fred	Chapin	Morgan	26	Nov. 14, 1904	Local.
Brady, James C.	Wyoming	Stark	52	Oct. 24, 1910	Second class.
Brady, Thomas	Pontiac	Livingston	50	Feb. 15, 1909	Second class.
Bramer, Harry	Mapleton	Peoria	49	Oct. 11, 1915	Second class.
Brandenburger, Fred	Belleville	St. Clair	33	Feb. 15, 1892	Competency.
Brandt, D. C.	Mineral	Bureau	29	June 14, 1914	Second class.
Brandt, Henry	Petersburg	Menard	37	June 13, 1904	Local.
Brandt, Louis F.	Mineral	Bureau	30	Dec. 2, 1907	Second class.
Brandt, Wm.	..do	..do	40	July 25, 1899	Local.
Branlt, Jean	Georgetown	Vermilion	43	Aug. 15, 1904	Local.
Brannaman, F. L.	Danville	..do	43	Nov. 24, 1902	Local.
Brannan, James	Grape Creek	..do	55	Nov. 25, 1901	Local.
Branson, W. W.	Canton	Fulton	29	July 22, 1912	Second class.
Brayfield, Harmon	Marion	Williamson	38	Jan. 10, 1916	First class.
Brayfield, Henry J.	Carterville	..do	25	Aug. 15, 1910	First class.
Brayfield, Newton	Cambria	..do	33	June 14, 1915	Second class.
Breen, John P.	Springfield	Sangamon	47	Sept. 21, 1908	First class.
Breese, Chas. A.	Belleville	St. Clair	27	Apr. 17, 1905	Competency.
Breeze, John E.	Taylorville	Christian	39	Jan. 8, 1906	Competency.
Brennan, Geo.	Belleville	St. Clair	27	Jan. 16, 1905	Competency.
Brennan, Geo.	Caseyville	..do	26	Oct. 19, 1903	Local.
Brennan, John E.	Virden	Macoupin	29	June 24, 1901	Competency.
Brennan, Patrick	Toluca	Marshall	39	Apr. 27, 1903	Competency.
Bresnan, Wm.	Springfield	Sangamon	25	Oct. 15, 1906	Competency.
Brighan, Wm.	Marissa	St. Clair	30	Oct. 10, 1892	Competency.
Brignall, Wm.	Canton	Fulton	40	Mar. 7, 1916	First class.
Brimley, Ross	Danville	Vermilion	29	*Sept. 12, 1899	Local.
Bringham, Robt.	O'Fallon	St. Clair	28	Nov. 18, 1895	Competency.
Brinley, Wm. R.	Westville	Vermilion	34	Oct. 15, 1906	First class.
Brockhouse, Sam.	Caseyville	St. Clair	46	Oct. 18, 1893	Competency.
Broderick, Andrew	Danville	Vermilion	34	Jan. 12, 1903	Local.
Brooker, Fred	Lowell	LaSalle	34	Mar. 11, 1901	Local.
Brooks, Clyde	Lewistown	Fulton	24	Nov. 11, 1912	Second class.
Brooks, Mathew	Farmington	..do	49	Feb. 15, 1909	First class.
Brooks, Peter	Taylorville	Christian	51	Apr. 23, 1901	Competency.
Brophy, M.	Shelbyville	Shelby	65	*Sept. 12, 1899	Local.
Brophy, Ray	..do	..do	32	Jan. 10, 1916	Second class.
Browitt, Andrew	Bush	Williamson	32	July 31, 1905	Competency.
Browitt, Benj.	Staunton	Macoupin	38	Oct. 15, 1906	First class.
Brown, Andrew	Braidwood	Will	35	Jan. 16, 1905	Competency.
Brown, Andrew M., Jr.	Seneca	LaSalle	24	June 16, 1913	First class.
Brown, Charles	Marion	Williamson	42	*Mar. 14, 1906	Local.
Brown, F. W.	Farmington	Fulton	50	May 16, 1896	Competency.
Brown, F. W.	..do	..do	45	*Dec. 30, 1891	Service.
Brown, Jabez	Cutler	Perry	39	Nov. 16, 1891	Service.
Brown, James A.	Thayer	Sangamon	27	Apr. 20, 1914	First class.
Brown, James B.	Murphysboro	Jackson	33	Apr. 9, 1900	Competency.
Brown, John	Glen Carbon	Madison	31	Oct. 22, 1894	Competency.
Brown, John	Ottawa	LaSalle	40	*Sept. 12, 1899	Local.
Brown, John F.	Carriers Mills	Saline	30	Oct. 24, 1910	First class.

MINE MANAGERS—Continued.

Name.	Post office.	County.	Age.	Date of examination.	Kind of certificate.
Brown, John K.	Braidwood	Will	37	Jan. 14, 1907	First class.
Brown, J. M.	Cable	Mercer	57	Oct. 12, 1914	Second class.
Brown, Leslie	Peoria	Peoria	28	Nov. 13, 1905	Competency.
Brown, L. P.	Marion	Williamson	43	July 10, 1911	Second class.
Brown, R. L.	Exeter	Scott	28	Nov. 30, 1908	Second class.
Brown, S. C.	Lewistown	Fulton	34	Jan. 12, 1903	Local.
Brown, Thos. M.	Pinckneyville	Perry	49	Jan. 12, 1903	Competency.
Brown, Thos. M.	do	do	38	Nov. 16, 1891	Service.
Brown, William	Athens	Menard	38	Nov. 30, 1908	Second class.
Brown, William F.	Pontiac	Livingston	45	Dec. 5, 1899	Competency.
Brown, William J.	Coal City	Grundy	37	Oct. 26, 1891	Competency.
Brown, William S.	Muncie	Vermilion	37	Jan. 16, 1905	Local.
Browning, J. M.	Duquoin	Perry	.....	Oct. 18, 1893	Competency.
Brueckner, Emil	Staunton	Macoupin	32	Feb. 28, 1899	Competency.
Breuggerman, George	Belleville	St. Clair	25	Nov. 20, 1893	Competency.
Brush, H. B.	Marietta	Fulton	37	Dec. 15, 1913	Second class.
Bryan, John	Grape Creek	Vermilion	28	*Sept. 12, 1899	Local.
Bryant, S. C.	do	do	52	*Aug. 18, 1903	Local.
Bryner, Leondas	Roseville	Warren	33	July 25, 1899	Local.
Brynn, William	Thayer	Sangamon	55	June 14, 1914	First class.
Buchanan, B. M.	Streator	LaSalle	27	*Oct. 11, 1899	Local.
Buffington, Frank	Farmington	Fulton	34	Sept. 21, 1908	Second class.
Bullock, Henry	Collinsville	Madison	43	Apr. 17, 1905	Local.
Bullock, Joseph	do	do	31	*Sept. 12, 1899	Local.
Bullock, Robt.	Duquoin	Perry	36	Feb. 22, 1904	Local.
Bulmer, Benjamin	Muddy Valley	Jackson	29	Nov. 16, 1891	Competency.
Bulmer, John	St. John	Perry	62	Nov. 16, 1891	Service.
Bundy, John	Streator	LaSalle	38	May 16, 1896	Competency.
Bunt, Joseph	Colchester	McDonough	43	July 25, 1899	Local.
Bunting, C. J.	Danville	Vermilion	35	*Sept. 12, 1899	Local.
Bunting, J. H.	Grape Creek	do	40	Mar. 1, 1898	Service.
Burbridge, Chas.	Farmington	Fulton	36	Jan. 10, 1916	First class.
Burbridge, Ora	Bluff City	do	50	Apr. 14, 1913	Second class.
Burdette, J. P.	Colchester	McDonough	55	June 7, 1898	Competency.
Burdick, Frank	Industry	do	45	July 25, 1899	Local.
Burk, W. W.	Conant	Perry	53	Sept. 26, 1899	Local.
Burke, George	Peru	LaSalle	50	May 16, 1896	Competency.
Burke, George	do	do	45	Oct. 26, 1891	Service.
Burke, John	Bush	Williamson	40	Aug. 15, 1910	First class.
Burkhardt, John B.	Mt. Olive	Macoupin	34	Feb. 15, 1892	Competency.
Burney, Ralph	Colchester	McDonough	43	Sept. 22, 1902	Local.
Burris, Wm. S.	Gillespie	Macoupin	31	Nov. 13, 1905	Competency.
Burton, W. C.	Blandinsville	McDonough	69	Apr. 20, 1914	Second class.
Burton, W. M.	Herrin	Williamson	31	June 16, 1913	First class.
Bushong, Andrew M.	Danville	Vermilion	41	Feb. 15, 1892	Service.
Bushong, Andrew M.	do	do	44	Oct. 21, 1895	Competency.
Bushong, Frank O.	Catlin	do	25	Jan. 16, 1905	Competency.
Bushnell, Milo	Astoria	Fulton	49	Jan. 6, 1913	Second class.
Butcher, Frank	Johnston City	Williamson	39	Mar. 7, 1916	First class.
Butler, Henry	Pekin	Tazewell	38	July 12, 1909	First class.
Butler, William	Stonefort	Saline	42	Sept. 26, 1899	Local.
Butler, W. H.	Willisville	Perry	33	Apr. 10, 1911	First class.
Butzke, Frank	Springfield	Sangamon	35	Apr. 27, 1903	Competency.
Bybee, J. C.	Maquon	Tazewell	28	Jan. 17, 1910	Second class.
Byrnes, John	Brighton	Macoupin	33	*Nov. 28, 1899	Local.
Cadle, John	Danville	Vermilion	39	*Dec. 5, 1905	Local.
Cadmus, Geo. T.	Lebanon	St. Clair	30	Jan. 8, 1906	Competency.
Cagdall, A. C.	Stonefort	Saline	52	Sept. 26, 1899	Local.
Cagle, John	Littleton	Schuyler	39	July 25, 1899	Local.
Cagle, William	Frederick	do	42	*Sept. 12, 1899	Local.
Cain, Thos. F.	Harrisburg	Saline	51	June 15, 1915	First class.
Cairnes, James	Brighton	Macoupin	50	Jan. 16, 1905	Local.
Cairnes, John	Moweaqua	Shelby	23	Jan. 21, 1895	Competency.
Caldwell, James	Elmwood	Peoria	40	Dec. 14, 1891	Service.
Caldwell, Thomas	Avon	Fulton	56	July 25, 1899	Local.
Calhoun, F. B.	Marietta	do	40	Feb. 8, 1915	Second class.
Calhoun, James	Mapleton	Peoria	29	Feb. 9, 1914	Second class.
Callean, Isaac	Pottstown	do	40	June 7, 1898	Competency.
Callear, Abraham	do	do	41	Nov. 30, 1908	Second class.
Cameron, David	Pana	Christian	32	Nov. 18, 1895	Competency.
Cameron, D. S.	Sorento	Bond	42	Mar. 1, 1898	Service.
Cameron, D. S.	do	do	42	June 6, 1899	Competency.
Cameron, Henry	Viola	Mercer	60	July 25, 1899	Local.
Cameron, William	Pine Grove	Schuyler	38	*Feb. 20, 1900	Local.
Camey, Robert P.	Lombardville	Stark	36	Nov. 14, 1904	Local.

MINE MANAGERS—Continued.

Name.	Post office.	County.	Age.	Date of examination.	Kind of certificate.
Campbell, Andrew F	Roseville	Warren	51	Nov. 25, 1901	Local.
Campbell, Edward	Greenview	Menard	34	July 31, 1905	Competency.
Campbell, Ed	White Hall	Greene	28	*Sept. 12, 1899	Local.
Campbell, Francis A	Viola	Mercer	40	Nov. 25, 1901	Local.
Campbell, Frank J	Athens	Menard	41	Nov. 23, 1896	Competency.
Campbell, H. J	Assumption	Christian	47	Feb. 28, 1899	Competency.
Campbell, John	Gillespie	Macoupin	33	Jan. 10, 1916	First class.
Campbell, Robert W	Decatur	Macon	37	Apr. 27, 1903	Competency.
Campbell, Thomas M	Pinckneyville	Perry	61	Dec. 6, 1898	Competency.
Campbell, William	Sandoval	Marion	31	Nov. 18, 1895	Competency.
Campbell, William A	Seatonville	Bureau	30	July 27, 1908	First class.
Campbell, W. R	Vergennes	Jackson	42	Nov. 14, 1904	Local.
Canfield, P. W	Brereton	Fulton	31	June 16, 1913	First class.
Canfield, R. A	Madisonville, Ky.		33	Dec. 18, 1893	Competency.
Cannon, John	Marquette	Bureau	38	Mar. 13, 1905	Competency.
Cape, Samuel W	Eldorado	Saline	28	June 14, 1914	First class.
Cape, Thomas	Fairview	Fulton	29	Dec. 14, 1891	Service.
Capstick, Arthur E	Glen Carbon	Madison	26	Jan. 14, 1907	First class.
Cardwell, Elliott	O'Fallon	St. Clair	24	Aug. 15, 1904	Competency.
Carlisle, Samuel	Carterville	Williamson	63	Nov. 20, 1911	Second class.
Carlson, Alfred	Sunny Hill	Henry	36	*Dec. 14, 1904	Local.
Carlson, Andrew	Colfax	McLean	44	Apr. 27, 1903	Competency.
Carlson, Andrew F	Kewanee	Henry	46	*Apr. 23, 1901	Local.
Carlton, Henry	Roodhouse	Greene	40	Mar. 7, 1916	Second class.
Carraher, M. J	Benton	Franklin	26	July 10, 1911	First class.
Carraher, Thomas	Zeigler	..do	27	Oct. 15, 1906	First class.
Carrel, A. J	Duquoin	Perry	56	June 16, 1902	Local.
Carrison, Geo	Colchester	McDonough	69	July 25, 1899	Local.
Carroll, A. W	Gillespie	Macoupin	38	Jan. 12, 1903	Competency.
Carroll, C. E	Duncan	Stark	48	Apr. 11, 1902	Local.
Carroll, John	O'Fallon	St. Clair	33	Jan. 21, 1895	Competency.
Carroll, Thomas J	Bunker Hill	Macoupin	50	June 13, 1904	Local.
Carson, Chas. W	Wolcott	Peoria	26	Mar. 11, 1901	Competency.
Carson, James H	O'Fallon	St. Clair	33	Nov. 18, 1895	Competency.
Carter, Chas	Birkner	..do	22	Oct. 10, 1892	Competency.
Carter, Elmer	Camden	Schuyler	33	*Feb. 20, 1900	Local.
Carter, F. R	Danville	Vermilion	34	Apr. 27, 1903	Local.
Carter, George	Birkner	St. Clair	27	Oct. 10, 1892	Competency.
Carter, Joe	Kewanee	Henry	47	July 25, 1899	Local.
Carter, Wm. B	Danville	Vermilion	31	Apr. 27, 1903	Local.
Cartledge, Oscar	Gillespie	Macoupin	29	Mar. 1, 1898	Competency.
Carylon, John	Oglesby	LaSalle	38	Feb. 22, 1904	Competency.
Casey, James F	Selbytown	Sangamon	24	Dec. 10, 1900	Competency.
Cashen, W. P	Williamsville	..do	39	Dec. 2, 1907	First class.
Cassel, A. H	Clayton	Adams	36	Oct. 24, 1910	Second class.
Casson, Chas. H	Fiatt	Fulton	39	June 24, 1901	Local.
Casteter, John	Streator	LaSalle	35	*Sept. 12, 1899	Local.
Casteter, William	..do	..do	40	*Sept. 12, 1899	Local.
Cathcart, Matthew	Tilden	Randolph	25	Nov. 16, 1891	Service.
Cathcart, Wm. J	Harrisburg	Saline	44	Apr. 16, 1912	First class.
Catheart, Mat	Tilden	St. Clair	29	Aug. 26, 1896	Competency.
Catt, A. G	Newton	Jasper	36	Apr. 27, 1903	Local.
Catton, Alfred	LaFayette	Stark	51	Apr. 5, 1915	Second class.
Catton, C. F	West Jersey	..do	28	*Sept. 12, 1899	Local.
Catton, Geo. S	LaFayette	..do	36	July 22, 1912	Second class.
Catton, John	West Jersey	..do	67	*Sept. 12, 1899	Local.
Center, George H	Hallidayboro	Jackson	46	Sept. 9, 1901	Competency.
Cesas, Paul J	Roanoke	Woodford	28	Jan. 10, 1916	First class.
Chadderton, John	Lenz Station	St. Clair	54	Nov. 18, 1895	Competency.
Chadwick, E	Oak Hill	Peoria	50	*Sept. 12, 1899	Local.
Chambers, Geo. W	Nokomis	Montgomery	36	Jan. 14, 1907	First class.
Chambers, Wm	Spaulding	Sangamon	34	Aug. 6, 1900	Competency.
Champe, Wm	Coffeen	Montgomery	39	July 16, 1906	First class.
Champley, James	Granville	Putnam	36	Nov. 1, 1906	First class.
Chapman, Ben	Staunton	Macoupin	25	June 15, 1915	First class.
Charlson, Chas	Wyoming	Stark	30	Nov. 14, 1904	Local.
Charlton, George R	Greenview	Menard	53	Oct. 15, 1900	Competency.
Charnock, James	Decatur	Macon	55	Apr. 17, 1905	Competency.
Charnock, Wm	Victoria	Knox	30	*Aug. 18, 1903	Local.
Checklin, David	Reed City		38	Oct. 10, 1892	Competency.
Chere, George	Pleasant Plains	Sangamon	45	Feb. 15, 1892	Service.
Chere, George	..do	..do	53	Oct. 15, 1900	Competency.
Cherry, James	Seatonville	Bureau	55	May 16, 1896	Competency.
Cherry, John T	..do	..do	22	Oct. 18, 1893	Competency.
Cherry, W. S	LaSalle	LaSalle	59	Apr. 13, 1897	Competency.
Chesney, Alonzo T	Ava	Jackson	26	Nov. 25, 1901	Local.

Mine Managers—Continued.

Name.	Post office.	County.	Age.	Date of examination.	Kind of certificate.
Chilton, Richard	Kewanee	Henry	50	Nov. 24, 1902	Local.
Chipping, W.	Canton	Fulton	32	July 25, 1899	Local.
Chivers, Joseph	Braceville	Grundy	41	Oct. 26, 1891	Competency.
Chorlton, James	French Village	St. Clair	29	*Sept. 12, 1899	Local.
Christie, David	Murphysboro	Jackson	42	Oct. 22, 1894	Competency.
Christie, David	..do	..do	39	Nov. 16, 1891	Service.
Christman, Chas	Sparland	Marshall	46	Jan. 20, 1902	Local.
Christy, H. S	White Hall	Greene	34	Oct. 15, 1906	Second class.
Chuickshank, Wm. A	Bartonville	Peoria	42	June 15, 1915	First class.
Church, Henry M	Marissa	St. Clair	43	Oct. 10, 1892	Competency.
Church, V. L	Ava	Jackson	48	Jan. 8, 1906	Local.
Churchill, Wm. E	Virden	Macoupin	38	Feb. 17, 1908	First class.
Clarida, Moolly	Carterville	Williamson	36	*Feb. 21, 1906	Local.
Clark, Alonzo	Tennessee	McDonough	37	Nov. 11, 1912	Second class.
Clark, Brooks	Carterville	Williamson	26	Feb. 9, 1914	First class.
Clark, Daniel	Springfield	Sangamon	45	June 15, 1915	First class.
Clark, Edward	Decatur	Macon	29	Oct. 15, 1900	Competency.
Clark, James A	Equality	Gallatin	47	Sept. 9, 1901	Local.
Clark, John	Decatur	Macon	24	Oct. 15, 1900	Competency.
Clark, John	Monmouth	Warren	27	*Mar. 14, 1906	Local.
Clark, John	Glasford	Peoria	30	Oct. 15, 1906	Second class.
Clark, J. H	Brimfield	..do	42	*Sept. 12, 1899	Local.
Clark, Martin	Decatur	Macon	29	Oct. 10, 1892	Competency.
Clark, Peter	Herrin	Williamson	42	Apr. 5, 1915	First class.
Clark, Quinton	Braidwood	Will	40	Oct. 26, 1891	Competency.
Clark, Samuel G	Duquoin	Perry	28	Jan. 16, 1905	Local.
Clark, Thomas	Decatur	Macon	39	Feb. 15, 1892	Competency.
Clark, Walter J	Collinsville	Madison	25	Jan. 8, 1906	Competency.
Clark, W. O	Exeter	Scott	30	Sept. 21, 1908	Second class.
Clarkson, John	Gillespie	Macoupin	29	Jan. 10, 1916	First class.
Clarkson, Lorenzo	Kickapoo	Peoria	24	Feb. 12, 1900	Local.
Clarkson, William H	Edwards	..do	31	Dec. 5, 1899	Local.
Clary, Peter	Middlegrove	Fulton	46	Nov. 11, 1912	Second class.
Claunch, Marion	Harrisburg	Saline	30	Feb. 17, 1908	First class.
Clayton, John F	Troy	Madison	39	July 25, 1899	Competency.
Clayton, Willis	Avon	Fulton	60	Dec. 14, 1914	Second class.
Clelland, Robt	Braidwood	Will	26	Jan. 21, 1895	Competency.
Cliffo 1, Geo. L	Oneida	Knox	62	July 25, 1899	Local.
Clifford, Michael J	Kewanee	Henry	33	Sept. 12, 1895	Competency.
Coar, Firman	Worden	Madison	35	Jan. 18, 1892	Competency.
Cody, Richard	Peoria	Peoria	44	*Sept. 12, 1899	Local.
Coeslpire, G	Galesburg	Knox	32	July 25, 1899	Local.
Coke, Robert	Marion	Williamson	28	*Sept. 16, 1905	Local.
Cokeley, Thomas	Danville	Vermilion	36	Jan. 14, 1907	First class.
Colburn, John R	Vandercook	..do	45	*Sept. 12, 1899	Local.
Coleman, John	West Frankfort	Franklin	30	Jan. 10, 1916	First class.
Co.eman, Mont. S	Virden	Macoupin	26	Apr. 16, 1906	First class.
Collier, Frank J	Bartonville	Peoria	33	Dec. 14, 1891	Service.
Collier, Frank J	..do	..do	36	Oct. 21, 1895	Competency.
Collins, A. Y	Greenfield	Greene	40	*Dec. 14, 1904	Local.
Collins, Frank W	Roanoke	Woolford	27	Apr. 11, 1910	First class.
Collins, Rochard J	O'Fallon	St. Clair	35	Jan. 18, 1892	Service.
Collins, Richard J	..do	..do	39	Aug. 26, 1896	Competency.
Collins, Thomas	Collins	Fulton	48	*Dec. 14, 1904	Local.
Collins, W. N	Ava	Jackson	44	Dec. 14, 1903	Local.
Colwell, George	Wyoming	Stark	54	*Dec. 21, 1899	Local.
Colwell, H	Duncan	..do	28	*Sept. 12, 1899	Local.
Colwell, Robert	Brimfield	Peoria	41	Sept. 26, 1899	Local.
Combest, Robt. E	Pana	Christian	42	Apr. 14, 1913	First class.
Combs, James W	Kewanee	Henry	45	Nov. 24, 1902	Competency.
Combs, J. W	..do	..do	42	July 25, 1899	Local.
Comford, L	Cantrall	Sangamon	51	Aug. 6, 1900	Competency.
Compton, Archie	Sparland	Marshall	31	*June 30, 1905	Local.
Conlie, Malcolm	Springvalley	Bureau	32	Oct. 22, 1894	Competency.
Condon, Chas. H	Hanna City	Peoria	45	Dec. 10, 1900	Competency.
Condon, C. H	..do	..do	54	Apr. 10, 1911	First class.
Conety, Pat J	Duquoin	Perry	42	Jan. 21, 1895	Competency.
Conklin, Scott	Mascoutah	St. Clair	41	Feb. 8, 1915	Second class.
Conn, James	Ipava	Fulton	40	July 10, 1911	Second class.
Connell, Nicol	East Peoria	Tazewell	30	Aug. 6, 1900	Competency.
Connolly, Terrance J	Assumption	Christian	35	Jan. 12, 1903	Competency.
Connors, Wm	Toluca	Marshall	39	Dec. 6, 1898	Competency.
Conrad, Wm	Springfield	Sangamon	27	Dec. 18, 1893	Competency.
Considine, John	Belleville	St. Clair	33	June 24, 1907	First class.
Cook, Charles	Grape Creek	Vermilion	41	June 24, 1901	Local.
Cook, Frank	Belleville	St. Clair	25	June 24, 1907	Second class.

Mine Managers—Continued.

Name.	Post office.	County.	Age.	Date of examination.	Kind of certificate.
Cook, George	Sparland	Marshall	30	Jan. 6, 1913	First class.
Cook, James K	Etherly	Knox	32	*Nov. 27, 1899	Local.
Cook, Lou B	..do	..do	22	July 25, 1899	Local.
Cook, Louis E	Duquoin	Perry	27	Apr. 16, 1912	Second class.
Cook, Robinson	Riverton	Sangamon	45	Jan. 21, 1895	Competency.
Cook, Walter	Harrisburg	Saline	28	June 16, 1913	First class.
Cook, William	Duquoin	Perry	41	Jan. 8, 1906	Competency.
Cook, William	Peoria	Peoria	26	Aug. 15, 1904	Competency.
Cook, William	..do	..do	24	Feb. 17, 1903	Local.
Cook, W. H	Alexis	Warren	32	July 25, 1899	Local.
Coons, Charles J	Fairview	Fulton	51	Jan. 8, 1906	Local.
Coons, Chas. J., Jr	Canton	..do	22	June 15, 1915	Second class.
Coons, Harvey	Fairview	..do	45	*Feb. 14, 1905	Local.
Cooper, Albert W	Petersburg	Menard	45	Apr. 9, 1900	Local.
Cooper, Charles	Nilwood	Macoupin	39	Oct. 10, 1892	Competency.
Cooper, Charles	..do	..do	38	Feb. 15, 1892	Service.
Corcoran, Chas	Murphysboro	Jackson	26	July 16, 1906	First class.
Corcoran, James	Carterville	Williamson	32	Apr. 12, 1909	First class.
Corrigan, James	Marseilles	LaSalle	31	Sept. 26, 1899	Competency.
Cosgrove, Bernard	Sparta	Randolph	38	Apr. 16, 1906	First class.
Costello, Henry	Pana	Christian	57	July 25, 1899	Competency.
Coster, George	Grape Creek	Vermilion	41	Oct. 21, 1895	Competency.
Coster, George	..do	..do	38	Feb. 15, 1892	Service.
Cotton, Wm	Peoria	Peoria	44	Oct. 15, 1906	Second class.
Coulehan, T. E	St. David	Fulton	36	Apr. 14, 1913	First class.
Coulson, Foster	Wyoming	Stark	76	*Sept. 29, 1900	Local.
Coulson, R. E. M	Glen Carbon	Madison	34	Nov. 11, 1912	First class.
Courtney, James D	Westville	Vermilion	49	Apr. 9, 1900	Competency.
Covert, Lewis M	Oakwood	..do	34	Nov. 25, 1901	Local.
Covert, Stephen D	Danville	..do	33	Apr. 16, 1906	Second class.
Cowell, Wm	Assumption	Christian	43	Nov. 18, 1895	Competency.
Cowens, W. P	Pinckneyville	Perry	40	Sept. 26, 1899	Local.
Cox, Eugene	Centralia	Marion	30	Feb. 22, 1904	Competency.
Cox, Walter E	Harrisburg	Saline	24	Aug. 12, 1907	First class.
Craggs, William	St. David	Fulton	30	Jan. 10, 1916	First class.
Craig, John W	Saline Mines	Gallatin	55	Aug. 12, 1907	Second class.
Craig, J. W	DeSoto	Jackson	37	Apr. 16, 1912	Second class.
Crain, H. P	Crainville	Williamson	59	July 22, 1912	Second class.
Crain, Willie	Ava	Jackson	25	Nov. 14, 1904	Local.
Craine, B. S	Murphysboro	..do	24	Nov. 20, 1893	Competency.
Craine, John E	..do	..do	30	Nov. 16, 1891	Competency.
Crampton, Ed	..do	..do	40	Nov. 18, 1895	Competency.
Crane, J. N	Chesterfield	Macoupin	46	Apr. 11, 1910	Second class.
Crane, Roy E	Tamaroa	Perry	27	Oct. 15, 1906	First class.
Crankshaw, Thos	Decatur	Macon	51	Dec. 18, 1893	Competency.
Crankshaw, Wm	..do	..do	27	May 16, 1896	Competency.
Crauch, J. E	Virden	Macoupin	35	Aug. 26, 1896	Competency.
Crawford, Chas	Fairmount	Vermilion	51	Nov. 1, 1909	Second class.
Crawford, W. F	Collison	..do	50	Apr. 17, 1905	Local.
Cressey, Geo	Colchester	McDonough	53	July 25, 1899	Local.
Crew, Joseph	Chillicothe	Peoria	56	*Sept. 12, 1899	Local.
Crichton, Dawson	Taylorville	Christian	48	June 13, 1904	Competency.
Crighton, Robt	Chenoa	McLean	45	Oct. 18, 1893	Competency.
Criswell, John L	Nokomis	Montgomery	27	Sept. 21, 1908	First class.
Crofts, Robert	Cardiff	Livingston	34	July 10, 1911	First class.
Cronister, Henry S	Salisbury	Sangamon	43	June 24, 1907	Second class.
Crosby, John	Sandoval	Marion	33	Oct. 12, 1914	First class.
Cross, Thomas	Johnston City	Williamson	36	June 14, 1914	First class.
Crouse, James W	Enon	Fulton	27	July 25 1899	Local.
Crow, S. F	Stonefort	Williamson	37	*Sept. 13, 1904	Local.
Crow, William E	Ava	Jackson	53	*Nov. 10, 1903	Local.
Crowder, Richard A	Moccasin	Effingham	26	May 21, 1900	Competency.
Crowson, Elihu	O'Fallon	St. Clair	35	Jan. 18, 1892	Service.
Croxter, Walter	Pleasantview	Schuyler	25	*Sept. 12, 1899	Local.
Croxton, Frederick W	..do	..do	52	*Sept. 12, 1899	Local.
Crozica, E	Etherly	Knox	60	July 25, 1899	Local.
Cruckshank, Walter W	East Peoria	Tazewell	26	Oct. 15, 1900	Competency.
Cruckshanks, John	Farmington	Fulton	51	Oct. 10, 1892	Competency.
Cruckshanks, Wm	Middlegrove	..do	46	Feb. 15, 1892	Competency.
Cruse, Robert R	Reeves	Williamson	27	Feb. 13, 1911	First class.
Cruser, Larken	Lewistown	Fulton	34	Nov. 11, 1912	Second class.
Cryer, James T	Springvalley	Bureau	30	Feb. 20, 1896	Competency.
Cryer, John H	Morris	Grundy	24	Dec. 10, 1900	Second class.
Cumming, Ambrose B	Sparland	Marshall	28	Oct. 10, 1892	Competency.
Cumming, D. H	Gardner	Grundy	31	Oct. 22, 1 94	Competency.
Cumming, Jas. P	Sparland	Marshall	62	Nov. 16, 1891	Competency.

MINE MANAGERS—Continued.

Name.	Post office.	County.	Age.	Date of examination.	Kind of certificate.
Cumming, John P.	Braceville	Grundy	56	Oct. 26, 1891	Competency.
Cumming, Thos. S.	Gardner	..do	45	Oct. 26, 1891	Competency.
Cummings, Wm.	Rushville	Schuyler	44	Dec. 14, 1891	Service.
Cummings, Wm. B.	..do	..do	44	Apr. 16, 1912	Second class.
Cummings, Wm. J.	Springfield	Sangamon	39	Nov. 11, 1912	First class.
Cummings, Wm. M.	Rushville	Schuyler	52	July 25, 1899	Local.
Cummins, C. G.	Roodhouse	Greene	45	Sept. 21, 1908	Second class.
Cummins, Ross	New Baden	Clinton	30	Dec. 15, 1913	First class.
Cunningham, Cormick	Springfield	Sangamon	50	Oct. 10, 1892	Competency.
Cunningham, David	Gillespie	Macoupin	32	Jan. 8, 1906	Competency.
Cunningham, Louis	Danville	Vermilion	36	Nov. 25, 1901	Local.
Cunningham, R. A.	Cutler	Perry	45	Sept. 26, 1899	Local.
Cunningham, Thos.	Girard	Macoupin	44	Feb. 15, 1892	Competency.
Curley, J. W.	Toluca	Marshall	55	Nov. 11, 1912	First class.
Currie, Adam	LaSalle	LaSalle	33	Nov. 25, 1901	Competency.
Curry, Thomas	Marion	Williamson	25	July 12, 1909	Second class.
Curtis, Fred	Macomb	McDonough	24	Sept. 21, 1908	Second class.
Curtis, John	Sparland	Marshall	64	Oct. 24, 1910	Second class.
Curtiss, Sanford	Rockridge	Greene	49	*Sept. 12, 1899	Local.
Cusack, M.	Edwards	Peoria	31	Mar. 1, 1898	Service.
Cutler, F. H.	Princeville	..do	28	*Sept. 12, 1899	Local.
Daenzer, Anton	Belleville	St. Clair	41	Oct. 10, 1892	Competency.
Daenzer, Arthur J.	Glen Carbon	Madison	26	Mar. 25, 1907	First class.
Daid, Dave M.	Edwardsville	..do	27	June 24, 1907	First class.
Dailey, C. J.	Springfield	Sangamon	53	Feb. 9, 1914	First class.
Dainty, Jabey	St. David	Fulton	38	*Nov. 2, 1899	Local.
Dale, Henry	Murphysboro	Jackson	30	Oct. 10, 1892	Competency.
Dale, John	Fredonia	Williamson	35	Nov. 16, 1891	Service.
Dale, John	..do	..do	39	Nov. 18, 1895	Competency.
Dalrymple, Wm. C.	Neponset	Bureau	33	*Sept. 16, 1905	Local.
Dalton, Augustus	Yates City	Knox	54	*Oct. 21, 1902	Local.
Dalton, Isam	..do	..do	30	*Aug. 1, 1900	Local.
Dalton, James	Elmwood	Peoria	50	Apr. 10, 1911	Second class.
Daniel, Jay	Danville	Vermilion	24	*Apr. 23, 1901	Local.
Daniels, Alexander	Henry	Marshall	61	June 24, 1901	Competency.
Daniels, Jas.	Belleville	St. Clair	27	Oct. 10, 1892	Competency.
Daniels, Joel S.	..do	..do	35	Apr. 16, 1906	First class.
Daniels, John A.	Marietta	Fulton	43	Jan. 10, 1916	Second class.
Daniels, Samuel	Belleville	St. Clair	54	Jan. 18, 1892	Competency.
Darrah, J. N.	Blandinsville	McDonough	36	July 20, 1903	Local.
Daugherty, Dan	Virginia	Cass	42	Oct. 22, 1894	Competency.
Daugherty, Robt. J.	Table Grove	Fulton	41	*Sept. 12, 1899	Local.
Davenport, John	Harrisburg	Saline	52	Mar. 11, 1901	Competency.
Davenport, John	..do	..do	43	Nov. 16, 1891	Service.
Davidson, Forest	Sandoval	Marion	30	Jan. 16, 1905	Competency.
Davidson, M.	Duquoin	Perry	51	Nov. 20, 1893	Competency.
Davidson, Thos.	Griffin	Mercer	34	July 25, 1899	Local.
Davis, Benjamin	Streator	LaSalle	51	*Sept. 12, 1899	Local.
Davis, Caleo	Collinsville	Madison	50	Nov. 20, 1893	Competency.
Davis, Caleb	..do	..do	49	Jan. 18, 1892	Service.
Davis, Charles	Abingdon	Knox	39	*Sept. 12, 1899	Local.
Davis, Chas. R.	Salisbury	Sangamon	28	*Dec. 14, 1904	Local.
Davis, Jackson	Vermont	Fulton	50	Jan. 14, 1907	Second class.
Davis, John M.	Springfield	Sangamon	39	Aug. 15, 1910	First class.
Davis, Joseph	Gillespie	Macoupin	34	Apr. 16, 1912	First class.
Davis, J. H.	Cuba	Fulton	45	Dec. 18 1893	Competency.
Davis, Oscar	Tallula	Menard	39	July 27, 1908	Second class.
Davis, Oscar	Lewistown	Fulton	28	Jan. 15, 1912	Second class.
Davis, Phillip	Virden	Macoupin	38	Apr. 5, 1915	First class.
Davis, P. J.	Percy	Randolph	61	Nov. 18, 1895	Competency.
Davis, Rees P.	Springfield	Sangamon	42	Mar. 13, 1905	Competency.
Davis, Thomas	Dunfermline	Fulton	51	Oct. 10, 1892	Competency.
Davis, Thomas M.	Virden	Macoupin	34	Mar. 13, 1905	Competency.
Davis, Thomas R	Kewanee	Henry	52	May 15, 1916	First class.
Davis, T.	Fayette	Greene	48	*Sept. 12, 1899	Local.
Davis, William	Belleville	St. Clair	28	Apr. 14, 1913	First class.
Davis, Wm.	Litchfield	Montgomery	43	Nov. 18, 1895	Competency.
Davis, Wm. H.	Streator	LaSalle	34	Jan. 12, 1903	Competency.
Davison, Bert	Colchester	McDonough	30	*May 11, 1904	Local.
Davison, James	Sparta	Randolph	52	Nov. 16, 1891	Competency.
Davison, Mathew	Duquoin	Perry	49	Nov. 16, 1891	Service.
Davison, W. D.	..do	..do	43	Apr. 12, 1909	First class.
Dawkin, Wm. E.	Belleville	St. Clair	30	Oct. 19, 1903	Competency.
Dawson, Daniel	Campbell Hill	Jackson	77	*Apr. 23, 1901	Competency.
Dawson, Ed	Shelbyville	Shelby	41	July 12, 1909	Second class.

Mine Managers—Continued.

Name.	Post office.	County.	Age.	Date of examination.	Kind of certificate.
Dawson, J. C.	Deer Park	LaSalle	32	*Sept. 12, 1899	Local.
Dawson, J. E.	Campbell Hill	Jackson	39	Dec. 19, 1910	Second class.
Dawson, William	Deer Park	LaSalle	29	Dec. 2, 1907	Second class.
Day, John	Gillespie	Macoupin	34	Apr. 14, 1913	First class.
Day, John H.	Belleville	St. Clair	28	Nov. 1, 1909	First class.
Day, Samuel	Gillespie	Macoupin	29	Apr. 14, 1913	First class.
Day, William	..do	..do	36	Apr. 20, 1914	First class.
Dayton, John	Pekin	Tazewell	42	Mar. 25, 1907	First class.
Deacon, Samuel	Eldorado	Saline	36	May 15, 1916	First class.
Deans, Henry	Percy	Randolph	49	Jan. 21, 1895	Competency.
Deans, Henry	..do	..do	46	Nov. 16, 1891	Service
Deaton, Abraham L.	Middletown	Logan	44	Apr. 27, 1903	Competency.
Deaton, Abraham L.	..do	..do	42	Jan. 12, 1903	Local.
Deavin, Camille	Orchard Mines	Peoria	36	Dec. 10, 1900	Local.
Deeny, Geo. H.	Farmington	Fulton	26	Dec. 10, 1900	Competency.
Delaney, Thomas	Avon	..do	46	July 25, 1899	Local.
DeLong, Elmer	Fairview	..do	28	Nov. 30, 1908	Second class.
DeLong, E. T.	..do	..do	49	Sept. 21, 1908	Second class.
DeMoss, Albert	Canton	..do	39	Jan. 16, 1905	Local.
Dempsey, C. O.	Equality	Gallatin	37	June 16, 1913	Second class.
Dempsey, G. F.	..do	..do	31	Jan. 20, 1902	Local.
Dempsey, J. E.	..do	..do	38	July 20, 1903	Local.
Denny, John J.	Springfield	Sangamon	33	Nov. 18, 1895	Competency.
Denny, Lawrence	..do	..do	35	Feb. 28, 1899	Competency.
Denton, Fred	Petersburg	Menard	25	Dec. 5, 1899	Local.
Deppe, Edgar	Willisville	Perry	40	June 14, 1914	Second class.
Derr, Thomas	Marion	Williamson	48	Dec. 19, 1910	Second class.
Derry, John	Springfield	Sangamon	32	Apr. 11, 1910	Second class.
Deswysen, William	Girard	Macoupin	46	Sept. 8, 1913	First class.
Devlin, Francis J.	So. Wilmington	Grundy	32	Oct. 15, 1906	First class.
Devlin, Francis M.	Christopher	Franklin	33	Jan. 10, 1916	First class.
Devlin, Henry	Toluca	Marshall	60	Dec. 18, 1893	Competency.
Devlin, Thos. H.	Springvalley	Bureau	30	Feb. 20, 1896	Competency.
Dewey, David C.	Wyoming	Stark	41	July 20, 1903	Local.
DeWilde, George	Pekin	Tazewell	30	Feb. 9, 1914	First class.
DeWolf, Ernest	Victoria	Knox	28	*July 24, 1900	Local.
Diamond, John	Astoria	Fulton	42	Feb. 8, 1915	Second class.
Diamond, Peter	Duquoin	Perry	42	Oct. 10, 1892	Competency.
Dick, Robert	..do	..do	29	Oct. 10, 1892	Competency.
Dickerson, J. L.	Danville	Vermilion	36	Oct. 10, 1892	Competency.
Dickerson, Thos. F.	Norris	Fulton	30	Jan. 8, 1906	Competency.
Dickerson, Wm. T.	Athens	Menard	47	Aug. 15, 1904	Competency.
Dickinson, George	Eldorado	Saline	28	July 10, 1911	First class.
Dickinson, Jas. E.	Belleville	St. Clair	34	Oct. 10, 1892	Competency.
Dickinson, Joseph	Norris	Fulton	56	July 25, 1899	Local.
Dickson, Wm. W.	Colchester	McDonough	43	July 25, 1899	Local.
Dieterich, Phillip E.	Freeburg	St. Clair	27	*Sept. 12, 1899	Local.
Dillon, James	Braidwood	Will	32	Apr. 27, 1908	First class.
Dills, Martin	New Burnside	Johnson	55	Sept. 26, 1899	Local.
Dilts, Claude C.	Fairview	Fulton	36	Aug. 12, 1907	Second class.
Dilts, Harry	Glasford	Peoria	27	Oct. 15, 1906	Second class.
Dixon, A.	Princeville	..do	48	*Sept. 12, 1899	Local.
Dixon, John L.	Pana	Christian	50	Feb. 15, 1892	Competency.
Dixon, Joseph	West Frankfort	Franklin	37	Jan. 6, 1913	First class.
Dixon, J. E.	Kewanee	Henry	38	July 25, 1899	Local.
Dobbles, Joseph	Danville	Vermilion	38	*Aug. 18, 1903	Local.
Dobbs, Jesse	Greenfield	Greene	37	July 27, 1908	Second class.
Docherty, James R.	Pre-emption	Mercer	37	Nov. 14, 1904	Local.
Dodd, Wm.	Cable	..do	40	Dec. 18, 1893	Competency.
Dodds, T.	LaFayette	Stark	41	July 25, 1899	Local.
Dodge, H. N.	St. David	Fulton	25	*Sept. 12, 1892	Competency.
Doering, William F.	East Peoria	Tazewell	34	Dec. 5, 1899	Local.
Dolan, Peter	Wataga	Knox	68	*Sept. 12, 1899	Local.
Dollins, Charles	Shelbyville	Shelby	49	Jan. 17, 1910	Second class.
Donahoe, James	Carterville	Williamson	26	Aug. 26, 1896	Competency.
Donahoo, J. L.	Moline	Rock Island	23	Apr. 16, 1912	Second class.
Donahue, Edw.	Sheffield	Bureau	43	Jan. 14, 1907	Second class.
Donaldson, James	Peoria	Peoria	40	Dec. 14, 1891	Competency.
Donaldson, John A.	Himrod	Vermilion	26	June 13, 1904	Competency.
Donaldson, Wm.	Kangley	LaSalle	37	Oct. 22, 1894	Competency.
Donaly, James	Carterville	Williamson	27	Nov. 16, 1891	Service.
Dondae, Louis	Green River	Henry	25	*Feb. 17, 1903	Local.
Donley, James	Carterville	Williamson	29	Nov. 20, 1893	Competency.
Donnelly, Andrew	LaSalle	LaSalle	35	Apr. 11, 1910	First class.
Donnelly, Henry	Braidwood	Will	42	June 24, 1901	Competency.
Donnelly, P. H.	Chicago	Cook	43	Feb. 12, 1900	Competency.

Mine Managers—Continued.

Name.	Post office.	County.	Age.	Date of examination.	Kind of certificate.
Dooley, Harry	Springfield	Sangamon	45	Dec. 5, 1899	Competency.
Dooner, P. J.	Glenburn	Vermilion	28	Mar. 1, 1898	Competency.
Dorsey, Charles W.	Kedron	Gallatin	27	*Sept. 16, 1905	Local.
Doty, L. B.	Truro	Fulton	33	July 25, 1899	Local.
Dougherty, P.	Pre-emption	Mercer	44	July 25, 1899	Local.
Dougherty, Thos.	Marion	Williamson	28	Oct. 15, 1906	First class.
Doughty, James	Danville	Vermilion	36	Feb 15, 1892	Competency.
Dowell, Allen B.	Campbell Hill	Jackson	31	Apr. 14, 1902	Local.
Dowell, Sherman	Muddy Valley	..do	29	Nov. 18, 1895	Competency.
Downey, Wm.	Lincoln	Logan	29	Aug. 26, 1896	Competency.
Downing, Charles	Danville	Vermilion	33	Dec. 14, 1903	Local.
Downing, Edward	St. David	Fulton	36	*Sept. 13, 1904	Local.
Downing, Timothy	Briarbluff	Henry	39	Dec. 14, 1891	Competency.
Dowson, Richard	Athens	Menard	38	Oct. 10, 1892	Competency.
Drake, George	Streator	LaSalle	45	Nov. 23, 1896	Competency.
Drake, Stephen A.	Canton	Fulton	35	*Apr. 16, 1900	Local.
Draper, A. L.	Vandercook	Vermilion	48	*Sept. 12, 899	Local.
Draper, John	Herrin	Williamson	28	Sept. 8, 1913	First class.
Dresson, J. A.	Carbondale	Jackson	40	Sept. 26, 1899	Local.
Drui, Nicholas	Worden	Madison	46	Sept. 8, 1913	First class.
Dryer, Andrew	Danville	Vermilion	39	June 16, 1902	Local.
Dubois, James	Witt	Montgomery	36	Apr. 27, 1908	First class.
Duddy, Martin	Bush	Williamson	37	Jan. 6, 1913	First class.
Duddy, John	Pana	Christian	31	Feb. 15, 1892	Competency.
Dudek, John	Kinmundy	Marion	33	Jan. 21, 1895	Competency.
Dudley, Z. T.	Knoxville	Knox	32	July 25, 1899	Local.
Duff, Robert G.	Kewanee	Henry	32	*Jan. 6, 1900	Local.
Duffield, Henry H.	Glasford	Peoria	47	Noy. 30, 1908	Second class.
Duffner, J. W.	Belleville	St. Clair	34	Nov. 18, 1895	Competency.
Duffner, J. W.	..do	..do	32	Nov. 20, 1893	Service.
Duggan, Samuel M.	Girard	Macoupin	49	Nov. 20, 1911	First class.
Dull, E. B.	Tennessee	McDonough	40	July 25, 1899	Local.
Duncan, Charles	Streator	LaSalle	43	Sept. 12, 1892	Competency.
Duncan, John	Sheffield	Bureau	56	July 25, 1899	Local.
Duncan, John C.	Murphysboro	Jackson	29	Jan. 14, 1907	First class.
Dunham, John F.	Springfield	Sangamon	35	Dec. 5, 1899	Competency.
Dunlop, John	Odin	Marion	27	Jan. 18, 1892	Competency.
Dunn, Clyde	Exeter	Scott	30	Apr. 10, 1911	Second class.
Dunn, Harvey	Osecola	Stark	26	*June 2½, 1900	Local.
Dunn, James	Collinsville	Madison	38	Nov. 13, 1905	Competency.
Dunnigan, Oscar	Virden	Macoupin	36	Apr. 17, 1905	Competency.
Dunnigan, Virgil B.	..do	..do	34	Mar. 13, 1905	Competency.
Dunsford, Chas.	Absher	Williamson	49	Jan. 20, 1902	Local.
Dunton, John	Canton	Fulton	58	Oct. 15, 1906	Second class.
Durham, Simeon	..do	..do	55	*Apr. 23, 1901	Local.
Durkin, Mike	Sunfield	Perry	41	Jan. 21, 1895	Competency.
Durrant, H.	Brimfield	Peoria	41	*Sept. 12, 1899	Local.
Eadie, George	Nokomis	Montgomery	37	May 15, 1916	First class.
Eadie, John	Sherman	Sangamon	24	Apr. 16, 1906	First class.
Earl, Wm.	Braidwood	Will	24	Sept. 22, 1902	Competency.
Eaton, A. C.	Zeigler	Franklin	39	June 13, 1901	Competency.
Ebben, Amos H.	Augusta	Hancock	57	Feb. 8, 1915	Second class.
Ebben, David	Colchester	McDonough	35	Feb. 8, 1915	Second class.
Ebel, Aug.	Belleville	St. Clair	49	*Sept. 12, 1899	Local.
Eccles, Frank	North Alton	Madison	49	Oct. 19, 1903	Local.
Eccles, John	Salem	Marion	48	May 21, 1900	Competency.
Eddington, William	DeSoto	Jackson	37	Dec. 14, 1914	Second class.
Eddy, George	Cherry	Bureau	48	Apr. 11, 1910	First class.
Eddy, Thomas	Harrisburg	Saline	47	June 16, 1913	First class.
Eddy, Walter	Dorrisville	..do	43	Apr. 14, 1913	First class.
Edgar, William	Herrin	Williamson	32	Apr. 27, 1908	First class.
Edgerly, George	Fairview	Fulton	52	Oct. 12, 1914	Second class.
Edmiston, Robert	Gillespie	Macoupin	37	Dec. 19, 1910	First class.
Edmunds, Morgan	Mt. Olive	..do	60	Dec. 10, 1900	Competency.
Edson, James	Ottawa	LaSalle	26	*Nov. 13, 1899	Local.
Edwall, C. W.	Galva	Henry	45	Sept. 22, 1902	Local.
Edwards, A. G.	New Burnside	Johnson	52	Sept. 26, 1899	Local.
Edwards, David L.	Coal Valley	Rock Island	55	Jan. 20, 1902	Local.
Edwards, George	Huntsville	Schuyler	43	*Sept. 5, 1900	Local.
Edwards, John	Eldorado	Saline	43	Nov. 11, 1912	First class.
Edwards, John	Danville	Vermilion	33	*Sept. 7, 1903	Local.
Edwards, Robert	Ava	Jackson	45	*Feb. 14, 1905	Local.
Edwards, R. J.	Tilden	Randolph	36	Feb. 15, 1909	First class.
Edwards, S. E.	Centralia	Marion	29	May 16, 1896	Competency.
Edwards, Thomas	Springfield	Sangamon	25	Oct. 10, 1892	Competency.

Mine Managers—Continued.

Name.	Post office.	County.	Age.	Date of examination.	Kind of certificate.
Edwards, Thomas	Streator	LaSalle	66	*Sept. 12, 1899	Local.
Edwards, T. J.	Crab Orchard	Williamson	34	Sept. 26, 1899	Local.
Ehrett, Frank A.	Wesley	Peoria	37	Dec. 14, 1891	Competency.
Eiker, George L.	Knoxville	Knox	34	*Nov. 3, 1899	Local.
Elders, Mack	Carterville	Williamson	31	Dec. 14, 1914	First class.
Ellenwood, A. B.	Kewanee	Henry	30	Oct. 15, 1900	Local.
Eller, Wm.	Edwardsville	Madison	39	Oct. 10, 1892	Competency.
Ellington, Jacob	Dewmaine	Williamson	30	July 16, 1906	First class.
Elliott, Calvin	Fairview	Fulton	33	Oct. 15, 1906	Second class.
Elliott, James	Caseyville	St. Clair	26	*Sept. 12, 1899	Local.
Elliott, Martin O.	Fairview	Fulton	28	Jan. 8, 1906	Local.
Ellis, Ross M.	Danville	Vermilion	24	*May 11, 1904	Local.
Emanuelson, Erie	Brereton	Fulton	46	Nov. 11, 1912	Second class.
Emberling, Geo. H.	Ellisville	..do	40	July 16, 1906	Second class.
Emerick, Alonzo	Farmington	..do	34	*Sept. 12, 1899	Local.
Emery, Charles	Breese	Clinton	42	Jan. 18, 1892	Competency.
Emery, Joseph	Belleville	St. Clair	61	Feb. 15, 1892	Competency.
Endrea, George	Wyoming	Stark	45	Nov. 11, 1912	Second class.
Endres, James	Kewanee	Henry	27	Feb. 8, 1915	Second class.
Engle, Joseph	..do	..do	48	Jan. 6, 1913	Second class.
Engle, Thomas	Cuba	Fulton	36	Oct. 12, 1914	Second class.
English, Ralph	Mt. Olive	Macoupin	36	Feb. 15, 1892	Competency.
English, Robert	Marietta	Fulton	31	Jan. 10, 1916	Second class.
English, Thomas	Streator	LaSalle	29	Dec. 18, 1893	Competency.
Ennis, James	Peoria	Peoria	42	*Sept. 12, 1899	Local.
Enright, James	East Peoria	Tazewell	42	Dec. 14, 1914	First class.
Ensininger, Emanuel E.	Crab Orchard	Williamson	26	Nov. 16, 1891	Service.
Ensininger, E. E.	..do	..do	34	July 25, 1899	Local.
Entwistle, Robt.	Colchester	McDonough	63	Oct. 22, 1894	Service.
Entwistle, W.	..do	..do	45	July 25, 1899	Local.
Erhardt, Anton	Belleville	St. Clair	40	Sept. 22, 1902	Local.
Erickson, August	Galva	Henry	37	June 13, 1904	Local.
Erickson, John	Danville	Vermilion	42	*June 30, 1905	Local.
Ernst, Frank	St. John	Perry	38	Sept. 26, 1899	Local.
Erwin, William	Belleville	St. Clair	41	Sept. 26, 1899	Competency.
Erwin, Wm.	..do	..do	39	July 13, 1897	Service.
Esper, Frank	Riverton	Sangamon	31	May 15, 1916	First class.
Esper, Peter	Spaulding	..do	44	Apr. 13, 1897	Service.
Espley, J. T.	Morris	Grundy	32	*Sept. 12, 1899	Local.
Essley, Cy.	Aledo	Mercer	26	Feb. 15, 1909	Second class.
Essex, G. W.	Sopervilie	Knox	38	July 25, 1899	Service.
Essex, Geo. W.	..do	..do	37	July 25, 1899	Competency.
Eubanks, Edw.	Halidayboro	Jackson	36	July 31, 1905	Competency.
Eugelke, Nick	Peoria	Peoria	39	Nov. 1, 1909	Second class.
Evans, Albert E.	Streator	LaSalle	32	Oct. 21, 1895	Competency.
Evans, Edw. J.	Glasford	Peoria	33	Apr. 17, 1905	Competency.
Evans, Ed. E.	Streator	LaSalle	35	*Sept. 12, 1899	Local.
Evans, E. P.	Cuba	Fulton	47	July 27, 1908	Second class.
Evans, E. P.	..do	..do	52	June 16, 1913	First class.
Evans, George	Lincoln	Logan	38	Oct. 18, 1893	Competency.
Evans, H. M. (Revoked Nov. 14, 9.6.)	Harrisburg	Saline	32	Apr. 27, 1903	Competency.
Evans, John	Bissel	Sangamon	53	Oct. 15, 1900	Competency.
Evans, John N.	LaSalle	LaSalle	51	May 16, 1896	Competency.
Evans, John O.	O'Fallon	St. Clair	50	Jan. 18, 1892	Service.
Evans, John O.	..do	..do	54	Aug. 26, 1896	Competency.
Evans, John O.	Caseyvilie	..do	35	Nov. 20, 1893	Competency.
Evans, John T.	Oglesby	LaSalle	56	Oct. 26, 1891	Service.
Evans, Louis	Kandley	..do	50	Jan. 20, 1902	Local.
Evans, William	Norris	Fulton	44	Oct. 10, 1892	Competency.
Evans, William A.	Canton	..do	53	June 15, 1915	Second class.
Evans, William H.	Harrisburg	Saline	34	Jan. 12, 1903	Competency.
Evans, W. L.	Cottage Grove	..do	30	Sept. 9, 1901	Local.
Evans, W. T.	Cuba	Fulton	34	July 16, 1906	Second class.
Eveland, Ben	Lewistown	..do	50	Aug. 12, 1907	Second class.
Ewing, Grant	Astoria	..do	37	Apr. 11, 1910	Second class.
Ewing, Stewart	Oglesby	LaSalle	31	Oct. 12, 1914	First class.
Eynman, Albert	Lewistown	Fulton	38	*Sept. 12, 1899	Local.
Fagan, Michael	Springvalley	Bureau	27	Oct. 18, 1893	Competency.
Fagan, Patrick	Decatur	Macon	47	Oct. 10, 1892	Competency.
Fagan, Patrick	..do	..do	45	Feb. 15, 1892	Service.
Fagg, Rawla	Springfield	Sangamon	32	Feb. 9, 1914	First class.
Fairbairn, Joseph W.	Streator	LaSalle	29	Sept. 21, 1908	First class.
Fairbairn, Thomas	..do	..do	32	Apr. 9, 1900	Competency.
Fairley, John	Cambridge	Henry	42	July 25, 1899	Local.
Fairlie, James	Gilchrist	Mercer	40	Dec. 14, 1891	Competency.

MINE MANAGERS—Continued.

Name.	Post office.	County.	Age.	Date of examination.	Kind of certificate.
Fairlie, R. J	Cambridge	Henry	27	Oct. 15, 1906	Second class.
Falcetti, John B	Glen Carbon	Madison	29	Oct. 10, 1892	Competency.
Falconer, Geo. P	Belleville	St. Clair	26	Jan. 8, 1906	Competency.
Falkenstein, C. I	Astoria	Fulton	44	Jan. 15, 1912	Second class.
Fane, Bernard	Belleville	St. Clair	35	Nov. 20, 1893	Service.
Fanke, Anton	O'Fallon	..do	28	Oct. 15, 1906	First class.
Farrand, Walter	Springfield	Sangamon	43	June 16, 1913	First class.
Farrand, Wm	..do	..do	63	Nov. 18, 1895	Competency.
Farrel, Hugh	Monica	Peoria	33	*Sept. 12, 1899	Local.
Farrell, Larry	Streator	LaSalle	45	June 27, 1910	Second class.
Farrimond, Joseph, Jr	Williamson	Macoupin	37	July 10, 1911	First class.
Farnsworth, Lawrence	Barclay	Sangamon	38	Mar. 1, 1898	Competency.
Farnsworth, Lawrence	Spaulding	..do	38	Sept. 13, 1897	Service.
Farnsworth, Nathaniel	Riverton	..do	29	Aug. 15, 1910	First class.
Farnsworth, Thomas J	Spaulding	..do	27	Feb. 12, 1900	Competency.
Faust, Jacob	Pinckneyville	Perry	30	May 21, 1900	Local.
Faylor, John	Princeville	Peoria	28	Aug. 12, 1907	Second class.
Felker, John	Danville	Vermilion	37	Oct. 21, 1895	Competency.
Fellers, C. P	Schuline	Randolph	33	Apr. 16, 1906	Second class.
Fellows, Edward	Streator	LaSalle	35	Oct. 26, 1891	Competency.
Fennell, William	Middlegrove	Fulton	64	Dec. 2, 1907	Second class.
Fenwick, George W	Danville	Vermilion	34	Jan. 12, 1903	Local.
Ferguson, Jesse	Tice	Menard	46	Nov. 11, 1912	Second class.
Ferguson, John	Reed City		40	Dec. 14, 1891	Competency.
Ferguson, Walter	Briadwood	Will	35	Jan. 21, 1895	Competency.
Ferguson, William	Duquoin	Perry	49	Sept. 9, 1901	Competency.
Ficker, Alfred W	Worden	Madison	26	Dec. 14, 1903	Competency.
Fidler, H. A	Canton	Fulton	31	Jan. 6, 1913	Second class.
File, Lee	Maryville	Madison	28	Feb. 8, 1915	First class.
Filker, George	Farmington	Fulton	37	Dec. 14, 1903	Local.
Finefrock, M. M	Pana	Christian	33	Jan. 21, 1895	Competency.
Fink, Frank	Truro	Knox	26	*July 23, 1900	Local.
Firth, Benjamin	Gilespie	Macoupin	24	July 10, 1911	First class.
Fish, Wm	Appleton	Knox	53	July 25, 1899	Local.
Fisher, Alcide	Brighton	Macoupin	28	Mar. 11, 1901	Local.
Fisher, N. J	East Peoria	Tazewell	44	Apr. 17, 1905	Local.
Fisher, Richard	Brimfield	Peoria	47	Jan 10, 1916	Second class.
Fisher, Stephen	Gilespie	Macoupin	43	Nov. 13, 1905	Competency.
Fisher, W	Murrayville	Morgan	41	*Sept. 12, 1899	Local.
Flannigan, Geo. W	Johnston City	Williamson	29	Apr. 14, 1913	First class.
Flavell, Jonah	Duquoin	Perry	39	Nov. 25, 1901	Competency.
Flavell, Jonah	..do	..do	48	Apr. 10, 1911	First class.
Fleming, Jacob	Kewanee	Henry	48	Dec. 14, 1891	Competency.
Fleming, James	Decatur	Macon	30	May 16, 1896	Competency.
Fleming, Robert	Carbon Hill	Grundy	48	Apr. 27, 1908	First class.
Fleming, Thomas	Morris	..do	40	*Sept. 12, 1899	Local.
Flesher, Andrew	Taylorville	Christian	34	July 16, 1906	First class.
Fletcher, Adam	Ladd	Bureau	51	Oct. 10, 1892	Service.
Fletcher, Charles	Princeton	..do	32	Sept. 21, 1908	Second class.
Fletcher, John	LaSalle	LaSalle	46	Jan. 21, 1895	Competency.
Fletcher, John J	Collinsville	Madison	24	Jan. 18, 1892	Competency.
Fletcher, Thos. C	..do	..do	25	Jan. 21, 1895	Competency.
Fletcher, William	..do	..do	47	Jan. 18, 1892	Competency.
Flood, John	Springvalley	Bureau	40	Mar. 13, 1905	Competency.
Flood, Patrick H	..do	..do	51	May 15, 1916	First class.
Floquet, Leon J	Mechanicsburg	Sangamon	32	Apr. 10, 1911	First class.
Flynn, Edward	Duquoin	Perry	28	Mar. 25, 1907	First class.
Flynn, John	Willisville	..do	30	June 24, 1907	First class.
Flynn, Paul	Lincoln	Logan	46	June 14, 1914	First class.
Flynn, William	Willisville	Perry	27	Mar. 25, 1907	First class.
Flynn, William	Briarbluff	Rock Island	32	July 25, 1899	Local.
Flynn, Wm. H	Cartervilla	Williamson	29	Feb. 17, 1908	First class.
Fohl, Bernard	Belleville	St. Clair	37	Nov. 18, 1895	Competency.
Foley, Arthur C	Auburn	Sangamon	38	Jan. 16, 1905	Competency.
Foley, George	LaSalle	LaSalle	44	Feb. 20, 1896	Competency.
Foley, George	..do	..do	39	Oct. 26, 1891	Service.
Foley, William H	Mapleton	Peoria	32	Nov. 14, 1904	Local.
Foley, W. E	..do	..do	45	Oct. 18, 1893	Competency.
Folkenroth, Chas	Farmington	Fulton	46	Apr. 5, 1915	Second class.
Ford, John	Tilden	Randolph	43	Dec. 19, 1910	First class.
Forester, James	Duquoin	Perry	46	Feb. 8, 1915	First class.
Forester, Robert J	..do	..do	31	Oct. 11, 1915	First class.
Forester, W. M	Equality	Gallatin	42	July 25, 1899	Local.
Forster, Ralph	Marion	Williamson	34	Sept. 8, 1913	First class.
Forsythe, Peter	Centralia	Marion	44	Nov. 18, 1895	Competency.
Forsythe, Peter	..do	..do	41	Jan. 18, 1892	Service.

Mine Managers—Continued.

Name.	Post office.	County.	Age.	Date of examination.	Kind of certificate.
Forsythe, Robert	Murphysboro	Jackson	31	Oct. 22, 1894	Competency.
Forsythe, Thomas	Centralia	Marion	43	Jan. 18, 1892	Service.
Foster, D. I.	Rapatee	Knox	51	Dec. 2, 1907	Second class.
Foster, Geo. W.	Colchester	McDonough	23	July 25, 1899	Local.
Foster, James	Marion	Williamson	39	Sept. 26, 1899	Competency.
Foster, Thurman	Carbondale	Jackson	29	Mar. 11, 1901	Local.
Foster, Wm.	Lincoln	Logan	43	May 16, 1896	Competency.
Fouts, J. H.	Canton	Fulton	32	Apr. 16, 1912	Second class.
Fouraker, William	Marietta	..do	37	June 24, 1907	Second class.
Fowler, Henry	Millersburg	Mercer	54	Dec. 14, 1891	Service.
Fox, Frank	Colchester	McDonough	33	Dec. 14, 1914	Second class.
Fox, John	Etherly	Knox	41	Jan. 8, 1906	Competency.
Fox, Thomas	Lewistown	Fulton	27	*Sept. 12, 1899	Local.
France, C. W.	Catlin	Vermilion	25	*Sept. 12, 1899	Local.
France, Michael	Fairmount	..do	58	*Oct. 3, 1905	Local.
France, Wesley	..do	..do	25	*Oct. 3, 1905	Local.
Francis, Thos. L.	Braidwood	Will	23	Jan. 21, 1895	Competency.
Francis, Wm. G.	Streator	LaSalle	45	Dec. 10, 1900	Local.
Franken, Bernard	Lincoln	Logan	38	Feb. 15, 1892	Service.
Franken, Bernard	..do	..do	41	Nov. 18, 1895	Competency.
Frankovich, Joseph	Kangley	LaSalle	26	Sept. 21, 1908	First class.
Fraser, John	Gillespie	Macoupin	36	July 22, 1912	First class.
Frazee, W. H.	Danville	Vermilion	35	Aug. 26, 1896	Competency.
Frazell, C. A.	Farmington	Fulton	30	Oct. 15, 1906	Second class.
Frederickson, Andrew	Danville	Vermilion	55	Sept. 9, 1901	Local.
Freeman, Fred	Witt	Montgomery	34	Feb. 9, 1914	First class.
Freer, James	Peoria	Peoria	42	Nov. 9, 1891	Competency.
Fremgen, Casper	Edwardsville	Madison	30	July 31, 1905	Competency.
French, Alonzo	Yates City	Knox	35	Mar. 13, 1905	Local.
French, Strawther	Bradford	Stark	38	July 25, 1899	Local.
Frew, Archibald	Moweaqua	Shelby	38	June 24, 1901	Competency.
Frew, Robert A.	Gillespie	Macoupin	26	May 15, 1916	First class.
Frew, Thomas	Staunton	..do	31	June 27, 1910	First class.
Fries, Joseph F.	Collinsville	Madison	37	Apr. 20, 1914	First class.
Frisbey, W. E.	Sparland	Marshall	41	*Feb. 17, 1903	Local.
Frisby, E. O.	..do	..do	25	*Oct. 30, 1899	Local.
Fritz, Wm.	Breese	Clinton	51	Nov. 18, 1895	Competency.
Fritz, Wm.	..do	..do	31	Jan. 21, 1895	Service.
Frost, Mike	Danville	Vermilion	38	Jan. 20, 1902	Local.
Fry, John	Ray	Schuyler	53	Dec. 5, 1899	Local.
Fuller, James K.	Modena	Stark	38	June 16, 1902	Local.
Fullerton, Frank	Girard	Macoupin	24	June 16, 1913	First class.
Fulton, David	Johnston City	Williamson	42	Apr. 27, 1908	First class.
Furgeson, T. T.	Sawyerville	Macoupin	43	Jan. 6, 1913	First class.
Fursman, W. H.	W. Frankfort	Franklin	31	Apr. 10, 1911	First class.
Fussner, Joseph	Brimfield	Peoria	40	Dec. 15, 1913	Second class.
Fustin, William	Marion	Williamson	43	Oct. 15, 1906	Second class.
Gaddis, Ed	Hudgens	..do	27	Nov. 14, 1904	Local.
Gaffigan, Michael	Petersburg	Menard	23	Oct. 10, 1892	Competency.
Gaffigan, Patrick J.	Springfield	Sangamon	44	May 21, 1900	Competency.
Gahm, Henry	Marion	Williamson	47	Nov. 13, 1905	Local.
Gainey, Thomas	Carbon Cliff	Rock Island	58	Dec. 10, 1900	Local.
Gainey, Wm. T.	..do	..do	39	Nov. 13, 1905	Local.
Galbraith, Geo.	Tamaroa	Perry	34	Sept. 9, 1901	Competency.
Galbraith, Zacharias	Morris	Grundy	32	Nov. 25, 1901	Local.
Gallagher, Peter	Springfield	Sangamon	43	Mar. 7, 1916	First class.
Gallagher, W. F.	Mode	Shelby	27	Sept. 22, 1902	Local.
Galloway, John	Glasford	Peoria	31	*Sept. 16, 1905	Local.
Gamber, H. P.	Christopher	Franklin	36	Nov. 11, 1912	First class.
Gardner, Thomas	Johnston City	Williamson	36	Jan. 6, 1913	First class.
Garland, Samuel	Kewanee	Henry	39	July 25, 1899	Local.
Garren, Otto	St. David	Fulton	26	Jan. 10, 1916	Second class.
Garrett, G. E.	Astoria	..do	36	Sept. 8, 1913	Second class.
Garrity, John	Riverton	Sangamon	31	Feb. 15, 1892	Competency.
Gaul, Henry J.	Ridge Prairie	St. Clair	23	Jan. 18, 1892	Competency.
Gavin, Barney	Springfield	Sangamon	45	Nov. 23, 1896	Competency.
Gedelman, E. F.	Freeburg	St. Clair	30	*May 11, 1904	Local.
Geiselman, Temple	Astoria	Fulton	54	Apr. 10, 1911	Second class.
Geisler, Ernest	Golden Eagle	Calhoun	33	Dec. 5, 1899	Competency.
Geisler, Henry	Brighton	Macoupin	24	*Sept. 12, 1899	Local.
Gensol, Joseph	Lewistown	Fulton	43	*Sept. 12, 1899	Local.
Gergens, Martin	Pinckneyville	Perry	55	June 13, 1904	Local.
Gerlach, Geo. F.	Sparta	Randolph	34	June 24, 1901	Local.
Gerlt, Albert C.	Staunton	Macoupin	32	Apr. 27, 1908	First class.
Gettleman, L. A.	Centralia	Marion	37	Mar. 25, 1907	First class.

MINE MANAGERS—Continued.

Name.	Post office.	County.	Age.	Date of examination.	Kind of certificate.
Gibbons, Foster	Farmington	Fulton	34	Dec. 19, 1910	First class.
Gibson, John	Ipava	..do	35	Jan. 6, 1913	Second class.
Gibson, Mike	Springvalley	Bureau	55	Oct. 21, 1895	Competency.
Gideumb, Frank	Harrisburg	Saline	40	Sept. 26, 1899	Local.
Giebelhausen, Gus	East Peoria	Tazewell	45	*Sept. 12, 1899	Local.
Giebelhausen, J. R	..do	..do	24	June 27, 1910	First class.
Gigley, J. F	Peoria	Peoria	33	Nov. 30, 1908	First class.
Gilbert, Edward	Niantic	Macon	53	Nov. 18, 1895	Competency.
Gilbert, Edward	..do	..do	50	Feb. 15, 1892	Service.
Gilbride, Frank	Morris	Grundy	59	*Sept. 12, 1899	Local.
Gilchrist, H. M	Gilchrist	Mercer	27	Mar. 13, 1905	Competency.
Gilchrist, John W	..do	..do	37	Jan. 21, 1895	Competency.
Gildroy, W. W	Monmouth	Warren	29	Apr. 27, 1903	Local.
Giles, R. W	Danville	Vermilion	39	*Feb. 21, 1906	Local.
Giles, William	Gillespie	Macoupin	46	Feb. 15, 1892	Competency.
Gill, Philip	Gilchrist	Mercer	.....	Oct. 18, 1893	Competency.
Gillette, Charles	Elmira	Stark	42	*Sept. 12, 1899	Local.
Gilligan, Jackson	Industry	McDonough	67	July 25, 1899	Local.
Gillis, Frederick F	Danville	Vermilion	26	Dec. 14, 1903	Local.
Gillis, Neal M	Winchester	Scott	34	Aug. 15, 1904	Local.
Gillott, John	Canton	Fulton	56	Oct. 15, 1906	Second class.
Gladfelter, C. W	Victoria	Knox	35	Aug. 12, 1907	Second class.
Gladwell, David	Breeds	Fulton	38	Feb. 17, 1908	Second class.
Glass, Wm. H	Pana	Christian	28	Oct. 10, 1892	Competency.
Glenn, Jethro	Briarbluff	Henry	40	May 21, 1900	Local.
Glenn, John	Peoria	Peoria	44	Oct. 10, 1892	Service.
Glenn, John A	Athens	Menard	28	Oct. 12, 1914	Second class.
Gluck, Leo	Springvalley	Bureau	35	Apr. 14, 1902	Competency.
Goacher, Everett	Roodhouse	Greene	22	Apr. 5, 1915	Second class.
Goalby, John F	Gillespie	Macoupin	34	*Dec. 30, 1891	Competency.
Goalby, Wm. H	Percy	Randolph	35	Nov. 18, 1895	Competency.
Goalby, Wm. H	..do	..do	31	Nov. 16, 1891	Service.
Goble, Frank M	Industry	McDonough	40	Nov. 14, 1904	Local.
Godber, William	Cuba	Fulton	45	Dec. 14, 1891	Service.
Goddard, Ben. B	Duquoin	Perry	48	Feb. 20, 1896	Competency.
Goddard, Wm	..do	..do	49	May 16, 1896	Competency.
Goddard, W. H	Herrin	Williamson	36	Nov. 30, 1908	First class.
Godler, Wm	Cuba	Fulton	48	Oct. 21, 1895	Competency.
Goetz, Carl, Jr	Pottstown	Peoria	25	Apr. 14, 1913	Second class.
Goff, Edward	Harrisburg	Saline	29	Apr. 14, 1913	First class.
Goff, George T	..do	..do	25	Apr. 14, 1913	First class.
Gofinch, Ed	Bryant	Fulton	45	Jan. 10, 1916	Second class.
Golden, George	Springfield	Sangamon	37	Oct. 10, 1892	Competency.
Golden, George	..do	..do	36	Feb. 15, 1892	Service.
Golden, James	Kewanee	Henry	61	Sept. 9, 1901	Local.
Golden, Jay	..do	..do	38	Jan. 17, 1910	Second class.
Golden, Richard	..do	..do	33	*Feb. 17, 1903	Local.
Golden, Wm. D	Springfield	Sangamon	64	Feb. 15, 1892	Competency.
Golick, Charles	Canton	Fulton	56	Sept. 8, 1913	Second class.
Golladay, J. E	Pleasant Plains	Sangamon	36	Apr. 12, 1909	Second class.
Goodall, George	Assumption	Christian	36	Feb. 15, 1892	Competency.
Goode, Joseph	Lombardville	Stark	32	July 25, 1892	Local.
Gooden, Robert	Farmington	Fulton	36	Apr. 14, 1913	Second class.
Goodwin, Robert A	Pontiac	Livingston	48	Jan. 16, 1905	Competency.
Gordon, Ephriam G	Wanlock	Mercer	25	Sept. 26, 1899	Competency.
Gorsuck, Robt. H	Springfield	Sangamon	32	Dec. 14, 1903	Competency.
Gory, George	Ray	Schuyler	30	*May 11, 1901	Local.
Gosnell, Geo. W	Herrin	Williamson	35	Nov. 11, 1912	First class.
Gosnell, Stephen	Benton	Franklin	26	Apr. 16, 1912	First class.
Goss, Robert	Streator	LaSalle	21	Nov. 30, 1908	First class.
Goss, Samuel	Norris	Fulton	34	Jan. 8, 1906	Local.
Goudy, W. S	Brimfield	Peoria	54	June 16, 1902	Local.
Graben, Henry	Orchard Mines	..do	32	Dec. 14, 1891	Service.
Graber, Henry, Jr	Mapleton	..do	29	May 15, 1916	First class.
Grabruck, Emil T	Staunton	Macoupin	30	Apr. 14, 1902	Competency.
Grabruck, R. H	..do	..do	24	Dec. 18, 1893	Competency.
Graham, David L	Springfield	Sangamon	63	Nov. 23, 1896	Competency.
Graham, Hiram	Virden	Macoupin	45	May 16, 1896	Competency.
Graham, John W	Dunfermline	Fulton	41	Sept. 12, 1892	Competency.
Graham, L. A	Jacksonville	Morgan	32	Sept. 12, 1895	Competency.
Graham, Wm	Virden	Macoupin	47	Aug. 26, 1896	Competency.
Grahame, John	Marion	Williamson	42	June 21, 1901	Competency.
Gramenz, Amel	Coal Valley	Rock Island	25	July 22, 1912	Second class.
Gramlick, Fred W	Belleville	St. Clair	26	Jan. 16, 1905	Competency.

Mine Managers—Continued.

Name.	Post office.	County.	Age.	Date of examination.	Kind of certificate.
Gramlick, Jul. M.	Belleville	St. Clair	43	Jan. 21, 1895	Competency.
Granell, Ira	Herrin	Williamson	27	Aug. 15, 1904	Competency.
Grant, August	Kewanee	Henry	35	July 25, 1899	Local.
Grant, David	Pekin	Tazewell	34	Oct. 22, 1894	Service.
Grant, Peter, Jr	Peoria	Peoria	30	Nov. 23, 1896	Competency.
Grant, Thomas	Beckemeyer	Clinton	35	Apr. 14, 1913	First class.
Grant, William	Pekin	Tazewell	56	Dec. 15, 1913	First class.
Grant, William	..do	..do	56	Sept. 8, 1913	Second class.
Gratz, Gottlieb	Hornsby	Madison	33	Nov. 18, 1895	Competency.
Gray, Alexander	Staunton	Macoupin	40	May 15, 1916	First class.
Gray, Ernest	Kewanee	Henry	29	Dec. 2, 1907	Second class.
Gray, John	Roanoke	Woodford	56	Oct. 26, 1891	Service.
Gray, Peter	Pana	Christian	48	Oct. 15, 1900	Competency.
Gray, Thomas R	Springfield	Sangamon	50	Oct. 10, 1892	Competency.
Green, Arthur	Braceville	Grundy	46	Jan. 21, 1895	Competency.
Green, Clarence	Sparland	Marshall	30	*June 24, 1903	Local.
Green, Henry	Canton	Fulton	50	*June 30, 1905	Local.
Green, John	Belleville	St. Clair	60	May 21, 1900	Competency.
Green, John W	Springfield	Sangamon	23	Mar. 1, 1898	Competency.
Green, Joseph	Marissa	St. Clair	33	Aug. 26, 1896	Competency.
Green, Joseph	..do	..do	29	Jan. 18, 1892	Service.
Green, Milton	Keltbsburg	Mercer	52	Nov. 14, 1904	Local.
Green, Robert	Springfield	Sangamon	48	Oct. 10, 1892	Competency.
Green, Robert	..do	..do	48	Feb. 15, 1892	Service.
Green, Samuel P	Colchester	McDonough	28	Dec. 14, 1903	Local.
Green, Thomas H	Springfield	Sangamon	30	Nov. 13, 1905	Competency.
Green, William H	Belleville	St. Clair	27	Oct. 15, 1900	Competency.
Greenan, James	Girard	Macoupin	34	July 22, 1912	First class.
Greenwood, John R	Edinburg	Christian	38	Oct. 10, 1892	Competency.
Greenwood, Robert	Duquoin	Perry	26	Nov. 16, 1891	Service.
Greenwood, Robert	..do	..do	30	Nov. 18, 1895	Competency.
Greer, Wm	Coal Valley	Rock Island	28	July 25, 1899	Local.
Grice, Albert	Kewanee	Henry	38	*Sept. 12, 1899	Local.
Grieve, Jesse	Belleville	St. Clair	25	Aug. 12, 1907	First class.
Grieve, Peter	Collinsville	Madison	47	Jan. 18, 1892	Service.
Grieve, Peter	Belleville	St. Clair	27	Apr. 17, 1905	Competency.
Grieve, Peter, Jr	Collinsville	Madison	25	Apr. 9, 1900	Competency.
Grieve, Robert W	..do	..do	34	Nov. 11, 1912	First class.
Griffeth, Herbert	Herrin	Williamson	29	Nov. 11, 1912	First class.
Griffin, John	Cantrall	Sangamon	61	Aug. 6, 1900	Competency.
Griffith, Walter	Dunfermline	Fulton	33	Dec. 14, 1914	First class.
Griffith, Wm. A	Colona	Henry	61	Dec. 14, 1891	Service.
Griffiths, D	Caseyville	St. Clair	47	*Sept. 12, 1899	Local.
Griffiths, Edward	Roodhouse	Greene	31	*Sept. 12, 1899	Local.
Griffiths, James	Grape Creek	Vermilion	38	July 25, 1899	Local.
Griffiths, Jas. F	Moline	Rock Island	33	Oct. 19, 1903	Local.
Griffiths, Thomas W	White Hall	Greene	34	*Sept. 12, 1899	Local.
Griggs, Allison	Brimfield	Peoria	27	Sept. 26, 1899	Local.
Grim, David, Jr	Victoria	Knox	53	Dec. 5, 1899	Local.
Grimley, Dennis	Elmwood	Peoria	55	Feb. 9, 1914	Second class.
Grindle, George	Cuba	Fulton	29	Dec. 14, 1914	Second class.
Grindrod, Wm. E	Belleville	St. Clair	39	Nov. 23, 1896	Competency.
Grisson, W. E	Johnston City	Williamson	29	Feb. 9, 1914	First class.
Groom, John	Belleville	St. Clair	33	Jan. 18, 1892	Competency.
Grossman, Louis C	Smithton	..do	42	*Sept. 12, 1899	Local.
Grosspitch, Aug	Belleville	..do	38	Jan. 21, 1895	Competency.
Grosseweiler, Jos., Jr	Pekin	Tazewell	36	*Oct. 21, 1902	Local.
Groth, John	Carbon Cliff	Rock Island	45	July 25, 1899	Local.
Groy, Max	Kewanee	Henry	25	July 25, 1899	Local.
Guckert, P. P	Hampton	Rock Island	35	July 25, 1899	Local.
Guckes, Jacob	Millstadt	St. Clair	46	Oct. 24, 1910	Second class.
Guest, John	Belleville	..do	24	Oct. 15, 1900	Competency.
Guest, Joseph	..do	..do	47	Jan. 18, 1892	Service.
Guest, Joseph	..do	..do	55	Nov. 23, 1896	Competency.
Guiney, James T	Braidwood	Will	38	Oct. 26, 1891	Competency.
Guiney, Martin G	Marion	Williamson	29	Nov. 13, 1905	Competency.
Gunnett, A. J	Fairview	Fulton	55	*July 12, 1904	Local.
Gurten, Louis	Pinckneyville	Perry	51	*July 26, 1900	Local.
Gustafson, Edward	Wanlock	Mercer	24	July 16, 1906	Second class.
Guthrie, Farquhar M	Gilchrist	..do	33	Nov. 13, 1905	Competency.
Guy, James M	Colchester	McDonough	46	June 27, 1910	Second class.
Guy, Thomas	..do	..do	25	July 25, 1899	Local.
Hachat, Joseph	Blue Mound	Macon	30	Oct. 15, 1906	First class.
Haddeck, John, Jr	Cable	Mercer	42	Oct. 18, 1893	Competency.
Haddick, Robert	..do	..do	67	Feb. 15, 1892	Service.

Mine Managers—Continued.

Name.	Post office.	County.	Age.	Date of examination.	Kind of certificate.
Haddick, William	Sherrard	Mercer	65	Apr. 13, 1897	Competency.
Haddick, William	Cable	..do	60	Feb. 15, 1892	Service.
Haddon, Thomas	Pana	Christian	49	Jan. 21, 1895	Competency.
Haensel, David	Lenzburg	St. Clair	36	Jan. 18, 1892	Service.
Haensell, Daniel	..do	..do	39	Nov. 18, 1895	Competency.
Hagerton, Joseph	St. John	Perry	27	Nov. 18, 1895	Competency.
Hagey, Wm. H	Lewistown	Fulton	29	*June 30, 1905	Local.
Haiding, James A	Wyoming	Stark	24	*May 17, 1900	Local.
Halbert, J. A	Westville	Vermilion	24	Apr. 13, 1897	Competency.
Halbert, Wm. G	Danville	..do	58	July 12, 1909	First class.
Halbert, W. S	Westville	..do	25	Aug. 15, 1904	Competency.
Hale, George	Ladd	Bureau	38	Jan. 21, 1895	Competency.
Hales, Thomas	Springfield	Sangamon	28	Apr. 5, 1915	First class.
Hall, Albert	Herrin	Williamson	29	June 24, 1907	First class.
Hall, Charles	Dunfermline	Fulton	36	*Sept. 12, 1899	Local.
Hall, Geo. W	Newton	Jasper	45	*Sept. 12, 1899	Local.
Hall, John	Grape Creek	Vermilion	33	Nov. 24, 1902	Local.
Hall, John	Colchester	McDonough	49	July 25, 1899	Local.
Hall, John	Sherrard	Mercer	37	Apr. 27, 1903	Competency.
Hall, Matthew	Braceville	Grundy	33	Sept. 12, 1892	Competency.
Hallar, W. C	Canton	Fulton	26	Mar. 25, 1907	Second class.
Hallemeyer, Julius	Golden Eagle	Calhoun	39	May 21, 1900	Competency.
Hallenmeyer, Julius	..do	..do	39	Mar. 1, 1898	Service.
Hamilton, Elmer	Blandinsville	McDonough	42	Nov. 11, 1912	Second class.
Hamilton, Gail G	Frederick	Schuyler	28	*Jan. 20, 1904	Local.
Hamilton, John	Cuba	Fulton	42	July 25, 1899	Local.
Hamilton, John W	Frederick	Schuyler	22	July 25, 1899	Local.
Hamilton, Thomas	Nashville	Washington	42	Oct. 10, 1892	Competency.
Hamilton, William	Westville	Vermilion	47	Sept. 21, 1908	Second class.
Hammann, John, Jr	Millstadt	St. Clair	49	Apr. 16, 1906	Second class.
Hammett, Otto J	Chillicothe	Peoria	36	Nov. 14, 1904	Local.
Hampton, Geo. E	Crab Orchard	Williamson	39	Oct. 12, 1914	Second class.
Hampton, John	New Burnside	Johnson	45	July 12, 1909	Second class.
Handley, John L	Coal Valley	Rock Island	49	*June 21, 1900	Local.
Handwright, James	Virden	Macoupin	27	Feb. 22, 1904	Competency.
Haney, J. B	Exeter	Scott	37	Sept. 21, 1908	Second class.
Hanley, John H	Springfield	Sangamon	34	Feb. 15, 1892	Competency.
Hanmann, Wm	Okawville	Washington	39	Sept. 26, 1899	Local.
Hannah, Thos	Illes Junction	Sangamon	47	June 24, 1901	Competency.
Hannay, Wm. M	Farmington	Fulton	33	Sept. 8, 1913	Second class.
Hanson, Sharp	Witt	Montgomery	30	July 27, 1908	First class.
Hapewood, Thomas	Peoria	Peoria	28	Nov. 1, 1909	Second class.
Harbaugh, Geo. V	Chesterfield	Macoupin	30	*Aug. 18, 1903	Local.
Harbaugh, James	..do	..do	49	Dec. 15, 1913	Second class.
Harbaugh, John J	..do	..do	33	Feb. 12, 1909	Second class.
Hardin, Hiram H	Raymond	Montgomery	34	July 27, 1908	First class.
Harding, Enos	Birkner	St. Clair	34	Jan. 21, 1895	Competency.
Harding, Joe H	Vandercook	Vermilion	39	Jan. 21, 1895	Competency.
Harding, Thomas F	Danville	..do	36	Nov. 20, 1893	Competency.
Harding, William	Lebanon	St. Clair	62	Jan. 18, 1892	Competency.
Hardy, Rufus E	Murphysboro	Jackson	33	Nov. 25, 1901	Competency.
Hardy, William	Gillespie	Macoupin	37	Apr. 20, 1914	First class.
Harkes, William	Coal Valley	Grundy	32	Oct. 26, 1891	Competency.
Harnisch, Ernest	Brighton	Macoupin	37	*Sept. 12, 1899	Local.
Harpe, J. W	Colchester	McDonough	48	Oct. 12, 1914	Second class.
Harper, John	..do	..do	49	July 25, 1899	Competency.
Harper, Wm. J	Springfield	Sangamon	50	Dec. 10, 1900	Competency.
Harpole, George	Golden Eagle	Calhoun	43	Apr. 16, 1906	Second class.
Harrier, A. J	Tilton	Vermilion	37	Jan. 20, 1902	Local.
Harrington, D	Danville	..do	60	*Sept. 12, 1899	Local.
Harrington, Frank	Farmington	Fulton	25	*Sept. 12, 1899	Local.
Harris, Alexander	Gillespie	Macoupin	32	June 14, 1914	First class.
Harris, Chas. T	Cuba	Fulton	35	Apr. 5, 1915	Second class.
Harris, David	Hanna City	Peoria	53	*June 30, 1905	Local.
Harris, Hardy	Catlin	Vermilion	48	*Sept. 12, 1899	Local.
Harris, James S	Dubois	Washington	40	*June 30, 1905	Local.
Harris, James S	..do	..do	41	Oct. 15, 1906	First class.
Harris, Oliver	Canton	Fulton	51	Dec. 10, 1900	Local.
Harris, Tom	Mulkeytown	Franklin	32	Oct. 15, 1906	First class.
Harrison, Earnest	Streator	LaSalle	38	*Mar. 1892	Service.
Harrison, Earnest	..do	..do	41	Nov. 18, 1895	Competency.
Harrison, James	Athens	Menard	48	Apr. 9, 1900	Competency.
Harrison, John	Virden	Macoupin	38	Oct. 22, 1894	Competency.
Harrison, John	Odin	Marion	40	Nov. 18, 1895	Competency.
Harrison, John	..do	..do	37	Jan. 18, 1892	Service.
Harrison, Wm	Murphysboro	Jackson	24	Nov. 20, 1893	Competency.

Mine Managers—Continued.

Name.	Post office.	County.	Age.	Date of examination.	Kind of certificate.
Harrman, John	Peoria	Peoria	34	Mar. 13, 1905	Competency.
Harrman, John	..do	..do	29	*Sept. 12, 1899	Local.
Harrop, James T	Seatonville	Bureau	33	Sept. 12, 1892	Competency.
Hart, K. R	Hillsboro	Montgomery	50	Apr. 10, 1911	First class.
Hartman, Frank	Murphysboro	Jackson	47	Feb. 20, 1896	Competency.
Hartman, Frank	..do	..do	42	Nov. 16, 1891	Service.
Hartman, Geo	Millstadt	St. Clair	31	Dec. 2, 1907	Second class.
Hartman, Wm	Freeburg	..do	26	Feb. 28, 1899	Competency.
Harvey, John	Murphysboro	Jackson	43	Sept. 26, 1899	Local.
Haselton, Fred D	Spaulding	Sangamon	34	Feb. 22, 1904	Competency.
Haskins, Alfred	Grape Creek	Vermilion	59	*Sept. 12, 1899	Local.
Haskins, Geo. H	..do	..do	37	July 25, 1899	Competency.
Haskins, Joseph	Catlin	..do	29	June 13, 1904	Competency.
Haskins, Joseph	..do	..do	37	Apr. 10, 1911	First class.
Haskins, Lee	Springfield	Sangamon	35	Apr. 12, 1909	First class.
Hassler, John E	Belleville	St. Clair	47	Nov. 11, 1912	Second class.
Hatfield, Chas	Danville	Vermilion	45	Jan. 8, 1906	Local.
Hauck, Fred	Glen Carbon	Madison	40	May 16, 1896	Competency.
Hauck, Henry L	Fosterburg	..do	52	*Sept. 16, 1905	Local.
Haulk, Samuel, Jr	Colchester	McDonough	33	Nov. 11, 1912	Second class.
Havens, Bert	Truro	Knox	37	*Sept. 12, 1899	Local.
Havron, Walter	Panama	Montgomery	35	Apr. 16, 1912	Second class.
Hawkins, Sidney	Belleville	St. Clair	24	Dec. 10, 1900	Competency.
Hayden, J. S	Springfield	Sangamon	41	Nov. 14, 1904	Competency.
Hayes, C. G	Kewanee	Henry	29	Feb. 22, 1904	Local.
Hayes, C. L	Brimfield	Peoria	27	July 27, 1908	Second class.
Hayes, Webster	Edwardsville	Madison	25	Nov. 14, 1904	Competency.
Hays, Henry	Streator	LaSalle	51	Oct. 10, 1892	Competency
Haywood, William T	Witt	Montgomery	36	Feb. 13, 1911	First class.
Heathcock, Geo	Princeton	Bureau	55	July 25, 1899	Local.
Heather, James	Morris	Grundy	62	*Sept. 12, 1899	Local.
Hebenstreet, E. W	Staunton	Macoupin	21	June 6, 1899	Competency.
Hebenstreet, Thos. G	..do	..do	28	Apr. 27, 1903	Competency.
Hebenstreit, Bruno	..do	..do	35	Feb. 10, 1892	Competency.
Hebenstreit, Joseph P	..do	..do	42	Jan. 18, 1892	Competency.
Heck, Matt	New Baden	Clinton	34	Oct. 24, 1910	First class.
Hedges, R. A	Johnston City	Williamson	32	June 16, 1913	First class.
Heffington, W. T	Coulterville	Randolph	28	Dec. 2, 1907	First class.
Heintz, A. T	Kickapoo	Peoria	26	*May 23, 1900	Local.
Heinz, John	LaSalle	LaSalle	39	Oct. 26, 1891	Service.
Heiple, Walter	DeSoto	Jackson	35	Apr. 27, 1903	Competency.
Heintzman, Jacob	Bartonville	Peoria	39	Oct. 15, 1906	Second class.
Heintzman, Xaver	..do	..do	32	Mar. 25, 1907	Second class.
Helfrich, Henry	Rentchler	St. Clair	32	Dec. 18, 1893	Competency.
Helm, Gudo	Mt. Olive	Macoupin	29	Apr. 27, 1908	First class.
Helm, Theodore	Staunton	..do	30	Nov. 11, 1912	First class.
Hemmersbach, Peter	Farmington	Fulton	35	Apr. 27, 1908	First class.
Hendee, Isaac	Bernadotto	..do	34	Sept. 26, 1899	Local.
Henderson, Chaffin	Victoria	Knox	56	Dec. 19, 1910	Second class.
Henderson, Edward	Springfield	Sangamon	38	Feb. 28, 1899	Competency.
Henderson, Joseph	Coal City	Grundy	39	Feb. 15, 1892	Competency.
Henderson, J. D	Herrin	Williamson	33	Jan. 14, 1907	First class.
Henderson, Thomas	Marissa	St. Clair	43	Jan. 18, 1892	Competency.
Hendricks, Chas. W	Belleville	..do	37	June 13, 1904	Competency.
Henley, J. H	New Athens	..do	40	Dec. 6, 1898	Competency.
Henley, Richard	Niantic	Macon	41	Feb. 15, 1892	Competency.
Hennemann, Chas	Belleville	St. Clair	41	June 24, 1901	Local.
Henry, Frederick	Kewanee	Henry	33	May 16, 1896	Competency.
Henry, Jackson	Farmington	Fulton	53	Apr. 5, 1915	First class.
Henry, John T	Pontiac	Livingston	41	Oct. 10, 1892	Competency.
Henry, Philip	Kewanee	Henry	37	Feb. 20, 1896	Competency.
Henry, Samuel	Danville	Vermilion	55	Dec. 14, 1903	Local.
Henry, William	..do	..do	29	Nov. 11, 1912	First class.
Henry, W. O	Victoria	Knox	32	Oct. 12, 1914	Second class.
Henson, John E	Denmark	Perry	31	Sept. 26, 1899	Local.
Herb, Geo. C	Belleville	St. Clair	34	June 24, 1907	First class.
Herbert, Stephen	Staunton	Macoupin	31	Apr. 16, 1912	First class.
Heriot, James	Springvalley	Bureau	37	Oct. 21, 1895	Competency.
Heriot, William	Moweaqua	Shelby	31	June 15, 1915	First class.
Herkstrom, E	Victoria	Knox	57	July 25, 1899	Local.
Herman, John	Kewanee	Henry	41	Oct. 19, 1903	Local.
Herman, John	Oraville	Jackson	49	Mar. 11, 1901	Local.
Heron, George	DeSoto	..do	34	Nov. 13, 1905	Competency.
Herrington, Thomas	Princeton	Bureau	42	July 25, 1899	Local.
Hersman, Herman	East Peoria	Tazewell	37	*Oct. 21, 1902	Local.
Herzog, Wm	Glen Carbon	Madison	29	July 16, 1906	First class.

Mine Managers—Continued.

Name.	Post office.	County.	Age.	Date of examination.	Kind of certificate.
Hetherington, Benj. M.	LaSalle	LaSalle	50	Oct. 26, 1891	Competency.
Hewitt, William B.	Chenoa	McLean	60	*Sept. 12, 1899	Local.
Hews, W. B.	Canton	Fulton	48	*Sept. 12, 1899	Local.
Hexter, John	Freeburg	St. Clair	40	Jan. 16, 1905	Competency.
Hibberd, George	Peoria	Peoria	31	Apr. 14, 1902	Competency.
Hibberd, Geo. A.	Limestone	do	28	*Sept. 12, 1899	Local.
Hibberd, Lewis	Peoria	do	27	*May 11, 1904	Local.
Hickey, John	Springfield	Sangamon	41	Jan. 21, 1895	Competency.
Hickman, Emanuel	Belleville	St. Clair	32	May 15, 1916	First class.
Hickman, John	Chapin	Morgan	30	Sept. 21, 1908	Second class.
Hickman, Wells	Frederick	Schuyler	57	Dec. 14, 1903	Local.
Hicks, Richard J.	Sherrard	Mercer	37	July 25, 1899	Competency.
Hicks, William E.	Crab Orchard	Williamson	28	Dec. 14, 1903	Local.
Hickson, David	Ottawa	LaSalle	39	Mar. 11, 1901	Local.
Higbee, A. W.	Wyoming	Stark	65	June 6, 1899	Competency.
Higbee, James	do	do	44	June 6, 1899	Competency.
Higbee, Lawrence	Princeville	Peoria	24	Jan. 20, 1902	Local.
High, Charles	Danville	Vermilion	40	*Dec. 5, 1905	Local.
Hill, David	Streator	LaSalle	54	Dec. 14, 1914	Second class.
Hill, Marshal	Carterville	Williamson	32	Oct. 10, 1892	Competency.
Hill, Peter J.	Hillsboro	Montgomery	49	Jan. 14, 1907	First class.
Hillery, Edward	Colchester	McDonough	27	May 16, 1896	Competency.
Hilliard, E.	do	do	52	July 25, 1899	Local.
Hillier, Jessie	Rapatee	Knox	55	Jan. 16, 1905	Local.
Hillier, Walter T.	Carbondale	Jackson	43	*Aug. 2, 1900	Local.
Hind, Robert	Salisbury	Sangamon	44	*Sept. 12, 1899	Local.
Hinderer, Frank	Frederick	Schuyler	39	*Dec. 12, 1899	Local.
Hindmarsh, John W.	Riverton	Sangamon	37	Jan. 10, 1916	First class.
Hindson, Harvey	Canton	Fulton	29	June 13, 1904	Competency.
Hines, John	Mt. Pulaski	Logan	55	Feb. 17, 1908	First class.
Hintz, Herman J.	Coal Valley	Rock Island	38	Nov. 20, 1911	Second class.
Hippard, George	Tilden	Randolph	31	Jan. 21, 1895	Competency.
Hippard, William J.	Belleville	St. Clair	43	Jan. 16, 1905	Competency.
Hissong, Charles	Tilden	Randolph	28	June 24, 1901	Local.
Hissong, Chas.	do	do	28	Nov. 25, 1901	Competency.
Hittmier, John	Mt. Olive	Macoupin	30	Oct. 11, 1915	First class.
Hoadley, Wm. J.	Coal Valley	Rock Island	53	June 27, 1910	Second class.
Hoar, J. E.	Canton	Fulton	34	Feb. 8, 1915	Second class.
Hoar, Wm.	Colchester	McDonough	48	July 25, 1899	Local.
Hobby, Wm. H.	do	do	28	*Sept. 16, 1905	Local.
Hoben, Patrick	Springfield	Sangamon	37	May 15, 1916	First class.
Hodge, John W.	Rushville	Schuyler	33	*Dec. 23, 1899	First class.
Hodge, S. M.	Danville	Vermilion	39	*Sept. 12, 1899	First class.
Hodges, Benj. A.	do	do	25	Sept. 9, 1901	First class.
Hodges, Fred T.	do	do	30	Apr. 16, 1912	First class.
Hodges, Fred T.	do	do	29	Nov. 20, 1911	Second class.
Hodgett, Absolam	Kewanee	Henry	46	Nov. 25, 1901	Local.
Hodgett, Abb.	do	do	29	Sept. 8, 1913	Second class.
Hodgett, Frank	do	do	30	Sept. 8, 1913	Second class.
Hodgson, Wm.	Colchester	McDonough	68	July 25, 1899	Local.
Hodson, James	Danville	Vermilion	49	Mar. 13, 1905	Local.
Hoffman, John	Duquoin	Perry	44	Nov. 20, 1893	Competency.
Hoffter, Charles	Sawyerville	Macoupin	35	Apr. 10, 1911	First class.
Hogan, E. W.	Bush	Williamson	38	June 16, 1913	First class.
Hogan, Patrick	Canton	Fulton	37	Nov. 11, 1912	First class.
Hogan, William	St. David	do	37	Dec. 14, 1914	First class.
Hogerkamp, Walter	Pontiac	Livingston	40	July 25, 1899	Local.
Hohimer, Frank	Pleasant Plains	Sangamon	40	Apr. 5, 1915	Second class.
Hohimer, Harry	Petersburg	Menard	24	Dec. 5, 1899	Local.
Holdcomb, George	Catlin	Vermilion	44	Feb. 15, 1909	Second class.
Holley, Wm. J.	Wyoming	Stark	24	Nov. 14, 1904	Local.
Holman, W. A.	Vandercook	Vermilion	29	*June 30, 1905	Local.
Holmes, Thomas F.	Lincoln	Logan	32	Oct. 18, 1893	Competency.
Homer, R. H.	Lebanon	St. Clair	48	Oct. 15, 1906	Second class.
Hood, John	Divernon	Sangamon	36	Sept. 21, 1908	First class.
Hoole, J. J.	Yates City	Knox	49	June 15, 1915	Second class.
Hope, John	Danville	Vermilion	36	Oct. 12, 1914	First class.
Hopkins, David	Willisville	Perry	39	Sept. 8, 1913	First class.
Hopkins, John	Eldorado	Saline	37	June 16, 1913	First class.
Hoppe, Albert	Carlinville	Macoupin	38	Jan. 10, 1916	First class.
Horkstrom, Chas.	Victoria	Knox	49	Mar. 15, 1916	Second class.
Horkstrom, Edw.	do	do	36	Apr. 14, 1913	Second class.
Horkstrom, George	do	do	32	May 15, 1916	Second class.
Hornback, Wm. E.	Rapatee	do	38	July 16, 1906	Second class.
Horning, Chas. A.	Harrisburg	Saline	35	June 6, 1899	Competency.
Horrocks, Benj.	Henry	Marshall	32	*Sept. 12, 1899	Local.

MINE MANAGERS—Continued.

Name.	Post office.	County.	Age.	Date of examination.	Kind of certificate.
Hosbey, Joseph	Danville	Vermilion	37	Jan. 16, 1905	Local.
Hougland, John	Tilden	Randolph	28	Apr. 14, 1913	First class.
Housman, Fred	Fosterburg	Madison	24	Dec. 14, 1903	Local.
Houston, James	Alexis	Warren	49	Dec. 14, 1914	Second class.
Houston, Robert	Percy	Randolph	52	Nov. 20, 1893	Competency.
Houston, Robt. J	Duquoin	Perry	27	July 31, 1905	Competency.
Howard, Charles	Augusta	Hancock	44	Feb. 8, 1915	Second class.
Howard, Charles	Modena	Stark	49	*Sept. 12, 1899	Local.
Howard, Daniel	Georgetown	Vermilion	41	*May 22, 1906	Second class.
Howarth, George	Westville	..do	48	June 16, 1913	First class.
Howe, Wm	Streator	LaSalle	53	*Mar. 1892	Competency.
Howe, Wm	..do	..do	64	*Jan. 20, 1904	Local.
Howell, D. J	Duquoin	Perry	28	Nov. 20, 1893	Competency.
Howell, John	Herrin	Williamson	32	June 24, 1907	First class.
Howell, J. W	Staunton	Macoupin	31	Nov. 11, 1912	First class.
Howell, Thomas H	Duquoin	Perry	50	Nov. 16, 1891	Competency.
Howell, T. J	..do	..do	31	Sept. 26, 1899	Competency.
Howells, Eben, Sr	Braceville	Grundy	55	June 7, 1898	Competency.
Hoye, James	Braidwood	Will	33	Oct. 18, 1893	Competency.
Hoye, James	..do	..do	31	Oct. 26, 1891	Service.
Hoye, James P	Streator	LaSalle	24	Aug. 15, 1910	First class.
Hoye, S. D	Christopher	Franklin	37	Apr. 20, 1914	First class.
Hoye, Wm	Braidwood	Will	33	Oct. 22, 1894	Competency.
Huber, W. H	Lewistown	Fulton	24	Dec. 14, 1903	Local.
Huddy, T. H	Staunton	Macoupin	28	Sept. 13, 1898	Competency.
Hudson, Samuel D	White Hall	Greene	32	Aug. 6, 1900	Local.
Hudson, Thomas	Galva	Henry	45	Oct. 26, 1891	Competency.
Huffman, Wm	Preemption	Mercer	32	Dec. 2, 1907	Second class.
Huggans, D. E	Streator	LaSalle	54	Jan. 14, 1907	Second class.
Huggins, Abijah	Duquoin	Perry	40	June 16, 1913	First class.
Huggins, L. D	Canton	Fulton	61	Jan. 14, 1907	Second class.
Hughes, Ed	Sweet Water	Menard	36	Dec. 19, 1910	Second class.
Hughes, Hugh J	Pana	Christian	49	Feb. 15, 1912	Competency.
Hughes, Jas	Braidwood	Will	34	Jan. 21, 1895	Competency.
Hughes, John	Petersburg	Menard	55	*May 11, 1904	Local.
Hughes, John	Braidwood	Will	37	Oct. 22, 1894	Competency.
Hughes, John J	Litchfield	Montgomery	43	Nov. 23, 1896	Competency.
Hulson, William	Colchester	McDonough	67	Nov. 1, 1909	Second class.
Humes, Michael	..do	..do	64	July 25, 1899	Local.
Huml, Frank	Hillsboro	Montgomery	29	Nov. 11, 1912	First class.
Humme, J. A	Hillary	Vermilion	46	May 16, 1896	Competency.
Hummel, John A	St. John	Perry	33	*Sept. 16, 1905	Local.
Hummert, Hy	Breese	Clinton	35	Jan. 21, 1895	Competency.
Humphrey, Ed	Murphysboro	Jackson	44	Oct. 10, 1892	Competency.
Hunsaker, Jess M	Harrisburg	Saline	25	Apr. 14, 1913	First class.
Hunt, Albert J	Edwards	Peoria	27	Sept. 13, 1897	Competency.
Hunter, Horace L	Briarbluff	Henry	49	*Sept. 16, 1905	Local.
Hunter, Ralph	Colchester	McDonough	40	July 16, 1906	First class.
Hunter, Thomas A	Witt	Montgomery	30	June 16, 1913	First class.
Hurst, John	Belleville	St. Clair	66	*Sept. 12, 1899	Local.
Hurst, Lat	Bartonville	Peoria	58	Jan. 12, 1903	Local.
Hutchcraft, H. S	Harrisburg	Saline	46	Sept. 8, 1913	First class.
Hutton, James	Tallula	Menard	32	Aug. 6, 1900	Competency.
Hutton, James	..do	..do	32	Feb. 10, 1892	Service.
Hynd, John A	Moline	Rock Island	22	June 6, 1899	Competency.
Iberson, James	Athens	Menard	37	Dec. 18, 1893	Competency.
Idle, Herman	Farmington	Fulton	43	July 12, 1909	First class.
Ingram, Amos	Marion	Williamson	24	July 27, 1908	Second class.
Ingram, J. S	Harrisburg	Saline	46	Nov. 14, 1904	Local.
Ingram, Robert H	Sparland	Marshall	33	*Oct. 30, 1899	Local.
Irons, Joseph	Brereton	Fulton	35	Jan. 15, 1912	First class.
Irwin, Bernard	Kewanee	Henry	48	Apr. 12, 1909	Second class.
Irwin, Fred	Smithton	St. Clair	44	Apr. 27, 1903	Local.
Irwin, Harry	Petersburg	Menard	34	Dec. 2, 1907	Second class.
Irwin, James	Green River	Henry	52	*Sept. 12, 1899	Local.
Irwin, James M	Pontiac	Livingston	54	May 21, 1900	Competency.
Isaackson, P. O	Wataga	Knox	54	Dec. 10, 1900	Local.
Isaacson, Martin	..do	..do	24	Jan. 12, 1903	Local.
Isler, Henry M	Belleville	St. Clair	32	Apr. 14, 1913	First class.
Isreal, B. F	Roodhouse	Greene	35	Jan. 17, 1910	Second class.
Issinghouse, Wm	Lebanon	St. Clair	45	Nov. 20, 1893	Competency.
Izatt, William	Litchfield	Montgomery	45	Jan. 18, 1892	Competency.
Jack, John R	Marion	Williamson	28	Sept. 26, 1899	Local.
Jackson, Benjamin	Brereton	Fulton	50	Jan. 6, 1913	First class.

MINE MANAGERS—Continued.

Name.	Post office.	County.	Age.	Date of examination.	Kind of certificate.
Jackson, Charles	Harrisburg	Saline	37	June 16, 1913	First class.
Jackson, D. P	Livingston	Madison	33	Apr. 27, 1908	First class.
Jackson, Ed	Athensville	Greene	37	Dec. 14, 1914	Second class.
Jackson, E. W	Christopher	Franklin	33	Dec. 2, 1907	First class.
Jackson, Frank	Campbell Hill	Jackson	39	Apr. 10, 1911	Second class.
Jackson, George W	Cable	Mercer	36	Sept. 26, 1899	Competency.
Jacobe, John	Wataga	Knox	52	July 25, 1899	Local.
Jacobs, Claude	Danville	Vermilion	43	*Aug. 18, 1903	Local.
Jacobs, Ora E	Bradford	Stark	29	July 27, 1908	Second class.
Jacobson, Chas. P	St. David	Fulton	32	Sept. 12, 1892	Competency.
Jacques, Charles	Johnston City	Williamson	39	Apr. 27, 1908	First class.
Jacques, Richard	Belleville	St. Clair	22	Nov. 23, 1896	Competency.
Jacquot, Augustave	Danville	Vermilion	49	June 24, 1901	Local.
Jackonbek, Anthony F	Belleville	St. Clair	29	Feb. 9, 1914	First class.
James, Fred	So. Wilmington	Grundy	41	Apr. 12, 1909	First class.
James, John	Mt. Olive	Macoupin	44	Feb. 15, 1892	Competency.
James, Jonah	Grape Creek	Vermilion	61	May 16, 1896	Competency.
James, Walter	Tower Hill	Shelby	31	Apr. 16, 1912	First class.
Jameson, William	Kewanee	Henry	40	Oct. 12, 1914	First class.
Jamieson, E. J	Loding	Rock Island	39	July 25, 1899	Local.
Jamieson, Guy	..do	..do	35	June 24, 1901	Local.
Janskovich, Joe	Canton	Fulton	26	June 16, 1913	Second class.
Jaques, William	Belleville	St. Clair	47	Feb. 15, 1892	Competency.
Jarrell, Miles	Cottage Grove	Saline	27	Jan. 20, 1902	Local.
Jayne, Richard, Sr	Cuba	Fulton	60	Apr. 10, 1911	First class.
Jayne, Richard	..do	..do	50	July 25, 1899	Local.
Jefford, R. H	Kingston Mines	Peoria	21	June 7, 1898	Competency.
Jefford, Thos. H	..do	..do	60	Feb. 20, 1896	Competency.
Jefford, Thos. H	..do	..do	54	Dec. 14, 1891	Competency.
Jeffrey, Peter	Carterville	Williamson	45	Nov. 16, 1891	Service.
Jeffreys, John T	Herrin	..do	38	June 16, 1913	First class.
Jeffries, John E	Muncie	Vermilion	31	Mar. 25, 1907	First class.
Jenkins, Alexander	Dunfermline	Fulton	42	Feb. 15, 1892	Competency.
Jenkins, David	South Danville	Vermilion	52	Apr. 27, 1903	Competency.
Jenkins, Douglas	Edwardsville	Madison	50	June 24, 1907	First class.
Jenkins, D. A	Danville	Vermilion	50	*Sept. 12, 1899	Local.
Jenkins, Eugene	Bartonville	Peoria	37	Dec. 14, 1891	Service.
Jenkins, J. A	Dunfermline	Fulton	27	May 21, 1900	Competency.
Jenkins, John L	Fairbury	Livingston	53	June 16, 1902	Competency.
Jenkins, Thomas C	Murphysboro	Jackson	49	Nov. 23, 1896	Competency.
Jenkins, T. E	Danville	Vermilion	30	Oct. 15, 1906	First class.
Jenner, A. T	Pinckneyville	Perry	50	June 24, 1901	Local.
Jennings, P. M	Industry	McDonough	46	Jan. 14, 1907	Second class.
Jeremiah, John J	Christopher	Franklin	30	July 10, 1911	First class.
Jeremiah, William	Duquoin	Perry	66	Nov. 16, 1891	Service.
Jerrell, John W	Equality	Gallatin	49	Sept. 9, 1901	Competency.
Jerremire, Wm. M	Duquoin	Perry	64	Nov. 20, 1893	Competency.
John, Evan	Spaulding	Sangamon	31	Feb. 15, 1892	Competency.
Johns, N. K	Breeds	Fulton	52	Apr. 10, 1911	Second class.
Johnson, Albert	Victoria	Knox	33	Nov. 30, 1908	Second class.
Johnson, Andrew	Nashville	Washington	36	Apr. 17, 1905	Competency.
Johnson, Arthur	Belleville	St. Clair	33	Apr. 16, 1906	Second class.
Johnson, Ashford	Hanna City	Peoria	52	*June 30, 1905	Local.
Johnson, Benjamin	Smithboro	St. Clair	61	*Sept. 12, 1899	Local.
Johnson, Cornelius F	Middletown	Logan	47	Sept. 22, 1902	Local.
Johnson, C. E	Canton	Fulton	28	Apr. 14, 1902	Local.
Johnson, Gust	Kewanee	Henry	41	Jan. 16, 1905	Local.
Johnson, Harry	Breeds	Fulton	30	Nov. 20, 1911	Second class
Johnson, H. C	Middletown	Logan	31	Apr. 16, 1912	Second class.
Johnson, James	Pinckneyville	Perry	41	Jan 16, 1905	Competency.
Johnson, John	St. David	Fulton	32	Jan. 15, 1912	Second class.
Johnson, J	Farmington	..do	36	July 25, 1899	Local.
Johnson, J. E	Dunfermline	..do	41	Sept. 26, 1899	Local.
Johnson, Nels	West Frankfort	Franklin	35	July 16, 1906	First class.
Johnson, Peter J	Pekin	Tazewell	45	Sept. 21, 1908	First class.
Johnson, Thomas W	Carriers Mills	Saline	36	June 16, 1913	First class.
Johnson, William	Marion	Williamson	40	Apr. 9, 1900	Competency.
Johnson, Wm	Danville	Vermilion	34	Apr. 27, 1903	Competency.
Johnson, Williard	Duquoin	Perry	41	June 15, 1915	Second class.
Johnston, Cochran	Springvalley	Bureau	42	Mar. 1, 1898	Competency.
Johnston, James H	Wyoming	Stark	40	*Feb. 14, 1905	Local.
Johnston, Samuel	Oglesby	LaSalle	31	Apr. 13, 1897	Competency.
Johnston, William	Elmwood	Peoria	34	Jan. 16, 1905	Competency.
Jolly, Thomas F	Collinsville	Madison	38	Oct. 22, 1894	Competency.
Jones, Alexander	LaSalle	LaSalle	35	July 10, 1911	First class.
Jones, Andrew J	Winchester	Scott	35	Dec. 14, 1903	Local.

Mine Managers—Continued.

Name.	Post office.	County.	Age.	Date of examination.	Kind of certificate.
Jones, Arthur	Viola	Mercer	37	*Aug. 9, 1900	Local.
Jones, A. J.	Peoria	Peoria	34	Jan. 20, 1902	Local.
Jones, Charles	Marissa	St. Clair	23	Oct. 10, 1892	Competency.
Jones, C. S.	Sato	Jackson	46	July 25, 1899	Local.
Jones, David	Marissa	St. Clair	57	Oct. 10, 1892	Competency.
Jones, David	..do	..do	56	Jan. 18, 1892	Service.
Jones, David L., Jr	Taylorville	Christian	25	June 27, 1910	First class.
Jones, David W	Westville	Vermilion	30	June 27, 1910	First class.
Jones, David W	Auburn	Sangamon	55	Jan. 16, 1905	Competency.
Jones, D. L.	Taylorville	Christian	35	May 16, 1896	Competency.
Jones, Edward	Oglesby	LaSalle	43	Dec. 14, 1891	Competency.
Jones, Evan T.	Catlin	Vermilion	42	*Sept. 12, 1899	Local.
Jones, E. H.	Colchester	McDonough	44	July 25, 1899	Local.
Jones, E. P	Sparta	Randolph	28	Aug. 15, 1910	First class.
Jones, Harry D	Riverton	Sangamon	53	Dec. 6, 1898	Competency.
Jones, Jackson	Winchester	Scott	63	*Sept. 12, 1899	Local.
Jones, James A	..do	..do	26	*Oct. 3, 1905	Local.
Jones, James H	Streator	LaSalle	40	*Sept. 12, 1899	Local.
Jones, John	Clark City	Kankakee	45	June 24, 1907	Second class.
Jones, John H	Duquoin	Perry	53	Nov. 18, 1895	Competency.
Jones, John L	East Peoria	Tazewell	45	*Sept. 12, 1899	Local.
Jones, John T	Lebanon	St. Clair	43	Dec. 10, 1900	Competency.
Jones, J. E.	Danville	Vermilion	28	Apr. 16, 1912	First class.
Jones, Logan	Marissa	St. Clair	23	Oct. 10, 1892	Competency.
Jones, Robert R	Oglesby	LaSalle	24	Oct. 19, 1903	Competency.
Jones, Thomas	Westville	Vermilion	35	Feb. 17, 1908	First class.
Jones, Thomas	Taylorville	Christian	31	Nov. 13, 1905	Competency.
Jones, Thomas	Peoria	Peoria	33	*Oct. 11, 1899	Local.
Jones, T. L.	Ladd	Bureau	31	Dec. 18, 1893	Competency.
Jones, William	Mapleton	Peoria	47	Jan. 8, 1906	Local.
Jones, William	Pottstown	..do	33	Apr. 12, 1909	First class.
Jones, William	Marissa	St. Clair	30	Nov. 18, 1895	Competency.
Jones, William	Colchester	McDonough	28	Mar. 13, 1905	Local.
Jones, William E	Sheffield	Bureau	34	Oct. 26, 1891	Competency.
Jones, Wm. E	Wesley City	Peoria	30	Oct. 10, 1892	Competency.
Jones, Wm. J	Kewanee	Henry	24	Oct. 15, 1900	Local.
Jones, Wm. M	Tamaroa	Perry	31	Oct. 22, 1894	Competency.
Jones, W. H	Catlin	Vermilion	26	*Sept. 12, 1899	Local.
Jones, W. L	Bradford	Stark	47	July 25, 1899	Local.
Jones, W. W	..do	Peoria	37	*Sept. 12, 1899	Local.
Joos, Conrad	Peoria	..do	48	*Sept. 12, 1899	Local.
Jordan, Abbott T	Bunker Hill	Macoupin	35	Nov. 11, 1912	Second class.
Jordan, E. M	Herrin	Williamson	44	Dec. 19, 1910	Second class.
Jordan, E. S.	Newton	Jasper	27	*Oct. 30, 1899	Local.
Jordan, John L	Trivoli	Peoria	77	*Sept. 12, 1899	Local.
Jordan, Robt	Streator	LaSalle	36	Oct. 10, 1892	Competency.
Jordan, Will	St. David	Fulton	49	July 25, 1899	Local.
Jorden, J. E.	Sesser	Franklin	31	June 15, 1915	First class.
Jordan, Fritz	Bunker Hill	Macoupin	46	Nov. 1, 1909	Second class.
Jourdast, George	Oraville	Jackson	29	Apr. 14, 1902	Local.
Jourdain, Raymond, Jr	Pawnee	Sangamon	36	Jan. 17, 1910	First class.
Jourdan, William L	Smithton	St. Clair	33	Dec. 10, 1900	Local.
Joyce, C. T	Canton	Fulton	40	Jan. 14, 1907	Second class.
Joyce, Peter	Springfield	Sangamon	29	Oct. 11, 1915	First class.
Kabel, George	Moro	Madison	27	Jan. 14, 1907	Second class.
Kabel, Herman	..do	..do	56	*Sept. 12, 1899	Local.
Kahl, Joseph	Coulterville	Randolph	28	Nov. 18, 1895	Competency.
Kaiser, Frank	Belleville	St. Clair	33	Apr. 27, 1908	First class.
Kane, Charles H	Dunfermline	Fulton	42	Dec. 14, 1891	Competency.
Kane, Harry A	Farmington	..do	40	July 10, 1911	First class.
Kane, John M	Springfield	Sangamon	43	Mar. 13, 1905	Competency.
Kaney, John	Centralia	Marion	44	Nov. 25, 1901	Competency.
Karrall, Chas	Westville	Vermilion	25	Apr. 27, 1903	Competency.
Karral, Edgar	Braceville	Grundy	42	Oct. 10, 1892	Competency.
Kasher, Thos	Braidwood	Will	34	July 31, 1905	Competency.
Kavanaugh, J. A	Colchester	McDonough	39	July 25, 1899	Local.
Kay, Bert	Atkinson	Henry	24	Apr. 9, 1900	Local.
Kay, George	Westville	Vermilion	35	Jan. 14, 1907	First class.
Kay, James	Atkinson	Henry	62	July 25, 1899	Local.
Kay, James	Sherrard	Mercer	31	Dec. 5, 1899	Competency.
Kay, John	Pawnee	Sangamon	44	Apr. 27, 1903	Competency.
Kay, Robert	Briarbluff	Henry	47	Nov. 25, 1901	Local.
Kay, Wm. G	Atkinson	..do	39	*Sept. 13, 1904	Local.
Kay, Wm. H	Morris	Grundy	43	*Sept. 12, 1899	Local.
Kear, George G	Sparland	Marshall	33	Sept. 26, 1899	Local.

MINE MANAGERS—Continued.

Name.	Post office.	County.	Age.	Date of examination.	Kind of certificate.
Kearney, John	Shelbyville	Shelby	33	Sept. 22, 1902	Local.
Keating, Jas. A	Streator	LaSalle	46	Oct. 26, 1894	Competency.
Keay, A. H. S	Seatonville	Bureau	36	May 16, 1896	Competency.
Keay, John	Springfield	Sangamon	36	*Dec. 30, 1891	Competency.
Keefe, Edward	Colfax	McLean	33	Aug. 15, 1904	Competency.
Keefer, William	Danville	Vermilion	26	Oct. 10, 1892	Competency.
Keegan, Michael	Springfield	Sangamon	37	Oct. 12, 1914	First class.
Keel, W. L	Somefort	Saline	27	July 20, 1903	Local.
Keen, A. G	Friendsville	Wabash	34	Sept. 9, 1901	Local.
Keil, Mathew	Dubois	Washington	21	Nov. 18, 1895	Competency.
Keil, Peter	do	do	28	Oct. 22, 1894	Competency.
Keller, George, Jr	Bartonville	Peoria	32	Dec. 14, 1891	Service.
Kellett, J. F	Tovey	Christian	24	Oct. 11, 1915	First class.
Kelley, Bernard	Litchfield	Montgomery	42	Nov. 18, 1895	Competency.
Kelley, Bert	Bartonville	Peoria	33	Feb. 13, 1911	Second class.
Kelley, D. J	Carbon Hill	Grundy	22	Jan. 21, 1895	Competency.
Kelley, George I	Raymond	Montgomery	36	Nov. 30, 1908	Second class.
Kelley, Joe G	Braidwood	Will	44	May 16, 1896	Competency.
Kelley, Robt. D	Carbon Hill	Grundy	22	Oct. 18, 1893	Competency.
Kelly, Frank S	Centralia	Marion	38	Oct. 10, 1892	Competency.
Kelly, Jos. G	Braidwood	Will	39	Oct. 26, 1891	Service.
Kelly, J. D., Sr	Carbon Hill	Grundy	49	July 13, 1897	Competency.
Kelly, Thomas	Grape Creek	Vermilion	39	Jan. 20, 1902	Local.
Kelly, Thomas E	Petersburg	Menard	46	Oct. 11, 1915	First class.
Kemerling, James	Sheffield	Bureau	43	*May 11, 1904	Local.
Kempin, Henry	Kewanee	Henry	35	July 25, 1899	Local.
Kempper, Henry	Gillespie	Macoupin	38	Nov. 18, 1895	Competency.
Kennedy, F. R	Monmouth	Warren	57	Oct. 24, 1910	Second class.
Kennedy, J. W	Pana	Christian	43	Oct. 15, 1906	First class.
Kenney, Thomas	Springfield	Sangamon	36	Dec. 5, 1899	Competency.
Kera, John	Rushville	Schuyler	52	Oct. 10, 1892	Competency.
Kerr, Wm	do	do	27	July 25, 1899	Local.
Kershaw, J. W	Briarbluff	Rock Island	46	July 25, 1899	Local.
Kesner, Frank P	Harrisburg	Saline	47	June 16, 1913	First class.
Ketchum, Sherman	Canton	Fulton	40	Feb. 8, 1915	Second class.
Kidd, Alexander	Oglesby	LaSalle	40	Oct. 18, 1893	Competency.
Kidd, Andrew	do	do	31	Oct. 18, 1893	Competency.
Kidd, J	Roseville	Warren	36	July 25, 1899	Local.
Kidd, Neugene	Ridge Prairie	St. Clair	31	Jan. 18, 1892	Service.
Kidd, Wm	Hillsboro	Montgomery	27	Mar. 25, 1907	First class.
Kidd, W	Ridge Prairie	St. Clair	35	May 16, 1896	Competency.
Kielhorn, Wm. C	Shawneetown	Gallatin	38	July 25, 1899	Local.
Kienbush, David	Edwards Station	Peoria	37	Sept. 12, 1892	Competency.
Kilgore, Wm. T	New Burnside	Johnson	54	Sept. 22, 1902	Local.
Killain, Charles J	Belleville	St. Clair	28	Apr. 27, 1908	First class.
Killain, Joseph	Collinsville	Madison	44	Oct. 12, 1914	Second class.
Killingsworth, Chas	Pinckneyville	Perry	36	Feb. 22, 1904	Competency.
Kimes, Oscar	Streator	LaSalle	31	*Sept. 12, 1899	Local.
Kimmel, Theodore	Halliday boro	Jackson	37	Sept. 21, 1908	First class.
Kincaid, Lee	Athens	Menard	44	*Aug. 18, 1903	Competency.
King, Ambrose L	Victoria	Knox	58	Jan. 20, 1902	Local.
King, D. B	Ellisville	Fulton	56	Nov. 30, 1908	Second class.
King, Henry R	Campbell Hill	Jackson	35	*Apr. 23, 1901	Local.
King, Isiah	Wyoming	Stark	54	*Feb. 17, 1903	Local.
King, James	Cuba	Fulton	45	June 16, 1913	Second class.
King, Joseph	Pekin	Tazewell	32	*May 25, 1901	Local.
Kingston, Paris	Equality	Gallatin	37	Sept. 23, 1901	Local.
Kipling, Albert	Colchester	McDonough	42	July 12, 1909	Second class.
Kipling, John	do	do	54	Oct. 12, 1914	Second class.
Kipling, Thomas N	do	do	38	Oct. 12, 1914	Second class.
Kipling, Wm	do	do	81	July 25, 1899	Local.
Kirby, James	Athens	Menard	50	Feb. 15, 1892	Competency.
Kirby, Mike	Campbell Hill	Jackson	39	Apr. 11, 1910	Second class.
Kirchner, Frank	Belleville	St. Clair	50	Jan. 18, 1892	Competency.
Kirkbride, John	Vermont	Fulton	72	Oct. 15, 1906	Second class.
Kirkwood, Martin	Birkner	St. Clair	29	Sept. 13, 1897	Competency.
Kirley, Bernard	Kewanee	Henry	53	Dec. 14, 1891	Service.
Klein, Andrew	Thayer	Sangamon	33	June 14, 1914	First class.
Kleist, Theo	Mt. Olive	Macoupin	31	Feb. 17, 1908	First class.
Klingenfus, Emil	Belleville	St. Clair	31	Sept. 22, 1902	Competency.
Klingenfus, Emil	do	do	28	*Sept. 12, 1899	Local.
Klinginfus, Otto	do	do	31	Dec. 18, 1893	Competency.
Klingenhagen, Henry	do	do	33	Feb. 15, 1892	Service.
Kloever, Joseph	Pana	Christian	40	Feb. 15, 1892	Competency.
Kluge, Martin	Belleville	St. Clair	38	July 12, 1909	Second class.
Knapp, Charles	Seatonville	Bureau	40	June 24, 1901	Competency.

MINE MANAGERS—Continued.

Name.	Post office.	County.	Age.	Date of examination.	Kind of certificate.
Kneaven, Jesse	Shelbyville	Shelby	28	Aug. 15, 1910	Second class.
Knemoeller, Henry C	Staunton	Macoupin	35	Nov. 1, 1909	First class.
Knickerbocker, Edwin	Fairview	Fulton	40	July 16, 1906	Second class.
Knieaman, John	Ipava	..do	46	Nov. 13, 1905	Local.
Knies, Henry	Breese	Clinton	47	Nov. 18, 1895	Competency.
Knies, Henry, Jr	..do	..do	31	Dec. 19, 1910	First class.
Knoth, John	Roodhouse	Greene	47	*Apr. 13, 1900	Local.
Knowles, Harvey	LaSalle	LaSalle	45	Feb. 17, 1908	First class.
Koeppel, Herman	Bartonville	Peoria	32	July 12, 1909	First class.
Koepple, Rudolph	Peoria	..do	39	Oct. 12, 1914	First class.
Kollman, Fred	Rapids City	Rock Island	41	Feb. 22, 1904	Local.
Kortkamp, A	North Alton	Madison	52	*Sept. 12, 1899	Local.
Kortkamp, Louis	Hillsboro	Montgomery	49	Mar. 13, 1905	Competency.
Kortkamp, William	..do	..do	44	Jan. 18, 1892	Competency.
Kralliman, Chas	Glen Carbon	Madison	37	Mar. 25, 1907	First class.
Kramer, Anthony F	Sato	Jackson	32	Nov. 18, 1895	Competency.
Kramer, Anthony F	..do	..do	32	Nov. 16, 1891	Service.
Kramer, Leo	Stonington	Christian	30	July 16, 1906	First class.
Krantz, Jacob	Belleville	St. Clair	56	Nov. 18, 1895	Competency.
Kreppert, Wm	Springfield	Sangamon	41	Apr. 27, 1903	Competency.
Kros, Frank	Edwardsville	Madison	38	Mar. 25, 1907	Second class.
Krotz, Frank	Middletown	Logan	37	June 27, 1910	Second class.
Kucera, John	Dorsey	Madison	37	July 10, 1911	Second class.
Kuhlman, Otto	Coal Valley	Rock Island	30	June 16, 1913	Second class.
Kund, Gustave	Exeter	Scott	47	Nov. 30, 1908	Second class.
Kund, William	Bluffs	..do	45	Nov. 30, 1908	Second class.
Kunze, William H	Marissa	St. Clair	34	Jan. 10, 1916	Second class.
Kurtz, Clyde C	Collinsville	Madison	25	Sept. 8, 1913	First class.
Lacour, August	Bartonville	Peoria	36	June 7, 1898	Competency.
Laesser, Adolph	Belleville	St. Clair	35	Jan. 21, 1895	Competency.
Laird, Andrew	Littleton	Schuyler	55	July 12, 1909	Second class.
Laity, Richard	Colchester	McDonough	47	July 25, 1899	Local.
Lamay, David	Monica	Peoria	52	Sept. 9, 1901	Local.
Lamb, Edwin	Kewanee	Henry	29	Nov. 25, 1901	Local.
Lamb, John	Maple Hill	Fulton	21	Jan. 14, 1907	Seccnd class.
Lambert, Austin H	Keinsburg	Wabash	36	Sept. 9, 1901	Local.
Land, John	West Frankfort	Franklin	26	July 22, 1912	First class.
Landis, W. D	Canton	Fulton	28	Apr. 14, 1913	Second class.
Lane, Frank	Cambridge	Henry	24	Dec. 19, 1910	Second class.
Lane, James	Peoria	Peoria	37	*Sept. 12, 1899	Local.
Langhron, Ed	Benton	Franklin	46	July 27, 1908	First class.
Lanham, John	Auburn	Sangamon	34	Mar. 7, 1916	First class.
Large, James	Athens	Menard	34	Oct. 10, 1892	Competency.
Larrick, O. O	Witt	Montgomery	37	Apr. 27, 1908	First class.
Lauder, Alexander	Carterville	Williamson	58	Nov. 18, 1895	Competency.
Lauder, Alexander	..do	..do	54	Nov. 16, 1891	Service.
Lauder, Frank	..do	..do	26	Apr. 12, 1909	First class.
Lauf, Jacob	Belleville	St. Clair	38	July 16, 1906	Second class.
Lauf, Valentine F	..do	..do	39	Sept. 8, 1913	Second class.
Laumbattus, Philip H	Tamaroa	Perry	45	Nov. 16, 1891	Service.
Launoe, Frank	Worden	Madison	44	Nov. 24, 1902	Competency.
Laurer, Nick	Pinckneyville	Perry	48	July 25, 1899	Local.
Lawrie, John	Old Berlin	Sangamon	30	July 16, 1906	Second class.
Laws, J. M	Cuba	Fulton	43	Dec. 18, 1893	Competency.
Lawson, Arthur	Edwardsville	Madison	36	Oct. 15, 1906	First class.
Lawson, John	Mt. Olive	Macoupin	36	Feb. 15, 1892	Competency.
Lawson, John	Cable	Mercer	44	Aug. 15, 1904	Competency.
Lawson Thomas	Lake Creek	Williamson	24	Aug. 26, 1896	Competency.
Leach, John	Auburn	Sangamon	24	Apr. 17, 1905	Competency.
Lebendorfer, C. W	Preemption	Mercer	41	*Sept. 16, 1905	Local.
Ledford, Edward E	Harrisburg	Saline	27	Nov. 25, 1901	Competency.
Lee, Alfred M	Sunfield	Perry	40	July 12, 1909	First class.
Lee, Frank	Breeds	Fulton	28	Sept. 21, 1908	Second class.
Lee, G. Shellcross	Canton	..do	38	Jan. 21, 1895	Competency.
Lee, James	Alexis	Warren	42	July 25, 1899	Local.
Lee, John	Breeds	Fulton	29	Sept. 21, 1908	Second class.
Lee, J. G	Youngstown	Warren	40	Feb. 15, 1909	Second class.
Lee, Robert	Cable	Mercer	57	Dec. 14, 1891	Competency.
Lee, Robert	Sherrard	..do	30	Feb. 12, 1900	Competency.
Lee, Thomas	Youngstown	Warren	60	July 25, 1899	Local.
Lee, William J	Cable	Mercer	37	Feb. 12, 1900	Competency.
Lee, Wm. T	Matherville	..do	49	Mar. 7, 1916	Second class.
Lee, W. B	Ipava	Fulton	32	Aug. 15, 1910	Second class.
Leeper, Chas. W	Equality	Gallatin	31	Jan. 20, 1902	Local.
Lengendre, Theodore	Mascoutah	St. Clair	35	July 31, 1905	Competency.

Mine Managers—Continued.

Name.	Post office.	County.	Age.	Date of examination.	Kind of certificate.
Lehwald, Herman	Springfield	Sangamon	28	Oct. 15, 1900	Competency.
Leichty, James	Danville	Vermilion	36	Oct. 15, 1906	First class.
Leming, Wm. C	Duquoin	Perry	27	Jan. 21, 1895	Competency.
Lemon, George	Sparta	Randolph	36	Nov. 11, 1912	Second class.
Lenz, Chas	Belleville	St. Clair	53	Jan. 21, 1895	Service.
Leonard, Carl	Ipava	Fulton	26	June 14, 1914	Second class.
Lettsome, Absalom	Carbon Hill	Grundy	28	Jan. 21, 1895	Competency.
Lettsome, Wm	..do	..do	55	Dec. 18, 1893	Competency.
Leudquist, O. W	Cable	Mercer	35	Feb. 22, 1904	Local.
Leverich, O. G	Danville	Vermilion	31	Jan. 8, 1906	Local.
Lewis, Chas. E	Galesburg	Knox	32	*Oct. 30, 1899	Local.
Lewis, Chas. F	Sparta	Randolph	39	Dec. 10, 1900	Competency.
Lewis, Howard	Panama	Montgomery	24	Jan. 10, 1916	First class.
Lewis, Francis	Troy	Madison	26	Apr. 14, 1913	First class.
Lewis, James	Bryant	Fulton	40	Dec. 14, 1891	Competency.
Lewis, Lewis	Colchester	McDonough	49	July 25, 1899	Local.
Lewis, Thomas	Carterville	Williamson	24	Nov. 14, 1904	Local.
Lewis, Thomas A	Panama	Montgomery	28	Apr. 10, 1911	First class.
Lewis, Wallace	Cambridge	Henry	29	Mar. 11, 1901	Local.
Lietard, John	Grape Creek	Vermilion	41	Nov. 25, 1901	Local.
Lieurance, B	Youngstown	Warren	29	July 25, 1899	Local.
Lilliman, Alfred	Cable	Mercer	37	July 25, 1899	Local.
Lincoln, E	Kewanee	Henry	62	July 25, 1899	Local.
Lind, August	Danville	Vermilion	47	Aug. 15, 1904	Local.
Lind, Charles	..do	..do	43	Oct. 15, 1906	Second class.
Lindbeck, P	Wataga	Knox	42	July 25, 1899	Local.
Linden, P	Canton	Fulton	73	July 25, 1899	Local.
Lindley, Richard	Collinsville	Madison	50	Jan. 18, 1892	Competency.
Lindsay, George	Springfield	Sangamon	30	Feb. 13, 1911	First class.
Lindsay, Geo	Christopher	Franklin	35	June 24, 1907	First class.
Lindsay, John A	Duquoin	Perry	29	Oct. 10, 1892	Competency.
Lindsay, P. A	Middlegrove	Fulton	37	June 24, 1907	Second class.
Lindsay, Robt	Springfield	Sangamon	37	June 13, 1904	Competency.
Lingast, L	Grape Creek	Vermilion	38	*Sept. 12, 1899	Local.
Lingenfelter, Fred E	Canton	Fulton	34	Nov. 20, 1911	Second class.
Lingenfelter, J. R	..do	..do	31	*Aug. 18, 1903	Local.
Link, Axel	Sunny Hill	Henry	32	Apr. 16, 1906	Second class.
Linskey, Martin H	Streator	LaSalle	46	Nov. 20, 1911	First class.
Linskey, P. J	Braidwood	Will	25	Jan. 21, 1895	Competency.
Lipora, John	Chesterfield	Macoupin	35	Apr. 10, 1911	Second class.
Lippert, Fred	Millstadt	St. Clair	29	Oct. 24, 1910	Second class.
Liptack, Louis	Streator	LaSalle	42	Apr. 10, 1911	Second class.
Liptack, Edward	..do	..do	55	Oct. 11, 1915	Second class.
Lister, James H	Peters	Madison	31	Jan. 18, 1892	Competency.
Little, Claude A	West Frankfort	Franklin	36	July 10, 1911	First class.
Little, Geo	Roseville	Warren	28	July 25, 1899	Local.
Little, John T	Roodhouse	Greene	37	*Sept. 12, 1899	Local.
Little, J. H	..do	..do	32	Apr. 9, 1906	Local.
Little, Peter	Peoria	Peoria	49	Aug. 6, 1900	Competency.
Little, Thomas	Summerfield	St. Clair	37	Jan. 18, 1892	Competency.
Little, William	Herrin	Williamson	29	Feb. 17, 1908	First class.
Littlefield, Joseph	Brimfield	Peoria	38	*May 29, 1900	Local.
Lively, James	Freeburg	St. Clair	54	Nov. 13, 1905	Local.
Lively, Robert	Marissa	..do	32	Jan. 16, 1905	Competency.
Livingstone, Robert	Springfield	Sangamon	32	Apr. 20, 1914	First class.
Llewellyn, Edw	Danville	Vermilion	35	Apr. 27, 1903	Local.
Lloyd, Benj. F	..do	..do	38	July 25, 1899	Local.
Lloyd, David J	Edinburg	Christian	32	Feb. 15, 1892	Competency.
Lloyd, D. E	Danville	Vermilion	34	*Aug. 18, 1903	Local.
Lloyd, Elisha	..do	..do	65	*Sept. 12, 1899	Local.
Lloyd, Hosia W	Sheffield	Bureau	42	Oct. 26, 1891	Service.
Lloyd, John E	Danville	Vermilion	69	Feb. 20, 1896	Competency.
Lloyd, Rowland R	Barclay	Sangamon	36	Apr. 9, 1900	Competency.
Lloyd, Thomas	Rentchler	St. Clair	37	Dec. 18, 1893	Competency.
Lobenst, John	Collinsville	Madison	25	May 15, 1916	First class.
Lock, Wm. H	Cuba	Fulton	34	Mar. 25, 1907	Second class.
Lockard, Daniel L	Lewistown	..do	49	Dec. 5, 1899	Local.
Lockard, Marcus J	Tower Hill	Shelby	34	Feb. 17, 1908	First class.
Loding, E	Loding	Rock Island	25	July 25, 1899	Local.
Loeffler, Anton	LaSalle	LaSalle	35	Nov. 13, 1905	Competency.
Logan, Thos. J	Streator	..do	50	Oct. 26, 1891	Competency.
Long, C. E	Danville	Vermilion	32	*Feb. 14, 1905	Local.
Long, Thomas	Wanlock	Mercer	29	May 16, 1896	Competency.
Lopeman, Charles	Rapatee	Knox	42	Jan. 15, 1912	Second class.
Loper, J. B	Chesterfield	Macoupin	59	June 16, 1902	Local.
Lord, Henry L	Virden	..do	36	June 24, 1901	Competency.

MINE MANAGERS—Continued.

Name.	Post office.	County.	Age.	Date of examination.	Kind of certificate.
Lord, James	Galva	Henry	66	*Sept. 12, 1899	Local.
Lorrison, Wm. H.	Harrisburg	Saline	38	June 16, 1913	First class.
Love, James	Benton	Franklin	41	July 10, 1911	First class.
Love, John	Carbon Hill	Grundy	29	Oct. 18, 1893	Competency.
Love, William	Sherman	Sangamon	36	Apr. 17, 1905	Competency.
Lowery, Frank	Orchard Mines	Peoria	36	Nov. 20, 1893	Competency.
Lowery, Samuel	Lewistown	Fulton	49	*Sept. 12, 1899	Local.
Loy, D. O.	Atkinson	Henry	47	July 25, 1899	Local.
Lucas, James	Grape Creek	Vermilion	48	Dec. 14, 1903	Competency.
Lucking, Charles H.	Brighton	Macoupin	33	Feb. 22, 1904	Local.
Lucking, Edward J.	Fosterburg	Madison	24	July 25, 1899	Local.
Luehrs, G. H.	Campbell Hill	Jackson	25	Jan. 14, 1907	Second class.
Lueking, Lewis	Brighton	Macoupin	41	June 13, 1904	Local.
Lumaghi, Joseph	Collinsville	Madison	31	Nov. 20, 1893	Competency.
Lumaghi, Louis F.	..do	..do	32	Sept. 12, 1895	Competency.
Luman, George	Moro	..do	51	Apr. 11, 1910	Second class.
Lunceford, John H.	Bunker Hill	Macoupin	33	June 13, 1904	Local.
Lyle, Chas. W.	Brighton	..do	32	*June 30, 1905	Local.
Lyman, G. E.	Edwardsville	Madison	35	Oct. 11, 1915	First class.
Lyons, Maxwell	Coal Valley	Rock Island	50	May 21, 1900	Local.
Lyons, William	Gillespie	Macoupin	36	June 15, 1915	First class.
McAllister, Hector	Streator	LaSalle	46	Oct. 26, 1891	Competency.
McAlpine, W. H.	Marion	Williamson	36	Nov. 30, 1908	First class.
McAnally, John	North Alton	Madison	50	*Sept. 12, 1899	Local.
McAnarney, James	Girard	Macoupin	37	June 6, 1899	Competency.
McBride, W. T.	Fairview	Fulton	50	Nov. 13, 1905	Local.
McBroom, Chas.	Canton	..do	38	Oct. 15, 1906	Second class.
McBroom, Mahlon	..do	..do	42	July 27, 1908	Second class.
McCamant, Joseph	Table Grove	..do	52	June 14, 1914	Second class.
McCann, Dame	Orient	Franklin	45	Apr. 5, 1915	First class.
McCann, Patrick	Lincoln	Logan	60	Mar. 1, 1898	Competency.
McCants, James	Blandinsville	McDonough	39	Feb. 8, 1915	Second class.
McCarnes, Henry	Marissa	St. Clair	31	Dec. 19, 1910	First class.
McCartney, C. F.	Alexis	Warren	42	July 25, 1899	Local.
McCleary, Jno.	Cantrall	Sangamon	47	Oct. 10, 1892	Competency.
McClelland, Milton	Thayer	..do	31	Apr. 20, 1914	First class.
McClintock, John	Murphysboro	Jackson	55	May 16, 1896	Competency.
McClure, Marion	Colchester	McDonough	40	July 25, 1899	Local.
McCormick, Robt.	Maryville	Madison	35	Apr. 5, 1915	First class.
McCown, Milo	Carterville	Williamson	30	Dec. 2, 1907	First class.
McCown, Milo	..do	..do	29	June 24, 1907	Second class.
McCraner, James	Girard	Macoupin	55	May 21, 1900	Competency.
McCrindle, David	Oglesby	LaSalle	34	Nov. 23, 1896	Competency.
McCullister, Wm.	Thayer	Sangamon	28	Apr. 20, 1914	First class.
McCullough, James	Ottawa	LaSalle	56	*Sept. 12, 1899	Local.
McCullough, R. W.	Mapleton	Peoria	36	Dec. 15, 1913	Second class.
McCullough, W. F.	..do	..do	31	Aug. 6, 1900	Competency.
McDaniel, Chas. C.	Wyoming	Stark	40	*Jan. 20, 1904	Local.
McDaniel, Theodore T.	..do	..do	28	July 31, 1905	Local.
McDill, James	Pana	Christian	36	May 21, 1900	Competency.
McDonald, Adam S.	Dalzell	Bureau	27	Oct. 15, 1906	First class.
McDonald, Archibald	Westville	Vermilion	41	July 31, 1905	Competency.
McDonald, Daniel	Menard	Randolph	65	Oct. 26, 1891	Service.
McDonald, Robt.	Streator	LaSalle	41	Oct. 22, 1894	Competency.
McDonald, Samuel	Moro	Madison	37	*Sept. 12, 1899	Local.
McDonald, Wm.	Braidwood	Will	38	Oct. 18, 1893	Competency.
McDowell, James A.	Grape Creek	Vermilion	42	Feb. 15, 1892	Service.
McElvee, Charles P.	Winchester	Scott	30	Sept. 22, 1902	Local.
McFadden, Joe	Danville	Vermilion	34	May 16, 1896	Competency.
McFall, John	Springfield	Sangamon	35	Feb. 15, 1909	First class.
McFarland, Wm. A.	Edwardsville	Madison	29	May 16, 1896	Competency.
McGeachin, Robert	Sorento	Bond	43	Feb. 20, 1896	Competency.
McGee, Mike	Johnston City	Williamson	39	Sept. 21, 1908	Second class.
McGinnis, Edw.	Beckemeyer	Clinton	37	Oct. 11, 1915	First class.
McGinnis, John	Springfield	Sangamon	49	Oct. 10, 1892	Competency.
McGonnigal, Barney	Springvalley	Bureau	46	Oct. 26, 1891	Competency.
McGonnigall, James	Marissa	St. Clair	40	Jan. 18, 1892	Competency.
McGounigal, Larry	Toluca	Marshall	28	June 15, 1915	First class.
McGovern, S.	Oneida	Knox	36	July 25, 1899	Local.
McGovern, T. B.	..do	..do	38	*Jan. 5, 1900	Local.
McGrann, John C.	Colchester	McDonough	30	Dec. 14, 1914	Second class.
McGuire, John	Alsey	Scott	35	July 25, 1899	Local.
McGuire, Patrick	Winchester	..do	50	Sept. 22, 1902	Local.
McGunigal, B.	Springvalley	Bureau	50	Jan. 21, 1893	Competency.
McGunnigal, John	Murphysboro	Jackson	36	Jan. 21, 1893	Competency.

MINE MANAGERS—Continued.

Name.	Post office.	County.	Age.	Date of examination.	Kind of certificate.
McGurk, Jas. J	Staunton	Macoupin	28	Apr. 5, 1915	First class.
McGurk, John	..do	..do	38	Dec. 14, 1914	First class.
McGurk, S. F	..do	..do	26	Apr. 5, 1915	First class.
McIntire, Geo	Industry	McDonough	31	Nov. 14, 1904	Local.
McIntire, James	Aledo	Mercer	34	June 24, 1907	Second class.
McKahan, Sam R	Alexis	Warren	32	Aug. 6, 1900	Local.
McKane, R	Galva	Henry	48	July 25, 1899	Local.
McKean, Isaac	Coal City	Grundy	42	Jan. 21, 1895	Competency.
McKeown, Frank	Decatur	Macon	32	May 16, 1896	Competency.
McKern, Wm. H	Danville	Vermilion	48	Nov. 25, 1901	Local.
McKernan, James	Collinsville	Madison	31	Nov. 20, 1893	Competency.
McKernan, James	..do	..do	40	Jan. 18, 1892	Service.
McKernan, P. W	..do	..do	38	Apr. 20, 1914	First class.
McKillop, Donald	Carbon Hill	Grundy	26	Jan. 21, 1895	Competency.
McKiney, Chas	Cottage Grove	Saline	30	Nov. 14, 1904	Local.
McKinley, Geo	Elmwood	Peoria	49	Oct. 11, 1915	Second class.
McLachian, John	Springfield	Sangamon	28	Oct. 15, 1906	First class.
McLain, R. E	Kincaid	Christian	46	Dec. 14, 1914	First class.
McLain, Wm. H	Equality	Gallatin	46	July 25, 1899	Local.
McLaren, Archibald	Carbon Hill	Grundy	27	Feb. 12, 1900	Competency.
McLaughlin, H. T	Winchester	Scott	41	Apr. 11, 1910	Second class.
McLaughlin, John	Auburn	Sangamon	45	Oct. 15, 1900	Competency.
McLaughlin, Joseph	Canton	Fulton	54	Feb. 22, 1904	Local.
McLaughlin, Patrick	Selbytown	Sangamon	32	Mar. 13, 1905	Competency.
McLaughlin, Wm	Ava	Jackson	44	Apr. 27, 1903	Competency.
McLaughlin, Wm	Auburn	Sangamon	51	Aug. 6, 1900	Competency.
McLean, Robert	Girard	Macoupin	52	May 16, 1896	Competency.
McManaman, Patrick F	Springvalley	Bureau	40	Oct. 10, 1892	Competency.
McManes, James	Braidwood	Will	57	Feb. 15, 1909	Second class.
McMath, George	Carterville	Williamson	34	Dec. 18, 1893	Competency.
McMichael, T. M	New Burnside	Johnson	39	Sept. 26, 1899	Local.
McMillan, James	Lincoln	Logan	39	July 10, 1911	First class.
McMillan, John	Gillespie	Macoupin	25	Apr. 11, 1910	First class.
McMillin, Wm. J	Streator	LaSalle	49	Apr. 10, 1911	First class.
McMillin, Wm. J	..do	..do	41	Nov. 24, 1902	Local.
McMorrow, Michael	Farmington	Fulton	38	Feb. 15, 1892	Competency.
McMorrow, Thos	..do	..do	44	Mar. 11, 1901	Competency.
MacMurdo, P. W	Springfield	Sangamon	36	Jan. 10, 1916	First class.
McMurtie, A. B	Bryden	Jackson	30	May 16, 1896	Competency.
McNabb, Wm	Athens	Menard	44	Apr. 27, 1903	Competency.
McNamara, Mike	Pawnee	Sangamon	42	June 14, 1914	First class.
McNaught, Henry	Williamsfield	Knox	45	July 25, 1899	Local.
McNeil, Wm	Griffin	Mercer	54	*July 25, 1900	Local.
McReaken, Charles W	Panama	Montgomery	36	Dec. 19, 1910	First class.
McSherry, James	Duquoin	Perry	33	Dec. 14, 1914	First class.
McVey, Edward	Herrin	Williamson	26	Apr. 16, 1912	Second class.
McWinnie, Andrew	Virden	Macoupin	41	June 6, 1899	Competency.
Mable, Wm	Fairview	Fulton	39	July 25, 1899	Local.
Macke, P. H	Ledford	Saline	39	Nov. 18, 1895	Competency.
Maclury, James	Kangley	LaSalle	32	Oct. 26, 1891	Service.
Maclury, James	..do	..do	32	Sept. 12, 1892	Competency.
Magee, Patrick	Breeds	Fulton	28	Feb. 17, 1908	Second class.
Magnisson, Elof	Danville	Vermilion	39	Jan. 8, 1906	Local.
Mahler, G. W	Ray	Schuyler	28	*Sept. 12, 1899	Local.
Maitland, H. S	Marion	Williamson	43	June 16, 1913	First class.
Maitland, J. W	Herrin	..do	34	Jan. 15, 1912	First class.
Malcoe, Frank	Pawnee	Sangamon	33	Apr. 11, 1910	First class.
Malcolm, William J	Braceville	Grundy	39	Oct. 26, 1891	Competency.
Malcor, Henry	Riverton	Sangamon	32	Jan. 8, 1906	Competency.
Mallergren, James W	Petersburg	Menard	32	Apr. 14, 1902	Local.
Mallon, Harry	Springfield	Sangamon	57	Oct. 15, 1900	Competency.
Malone, Frank	Pinckneyville	Perry	39	Dec. 5, 1899	Competency.
Malone, Harry	Duquoin	..do	30	Sept. 26, 1899	Local.
Maltby, Wm	Braidwood	Will	52	Sept. 12, 1892	Competency.
Maneos, Charles	Centralia	Marion	37	July 27, 1906	First class.
Manies, William	Golden Eagle	Calhoun	27	Jan. 16, 1905	Local.
Mann, Jacob	Mascoutah	St. Clair	28	Mar. 11, 1901	Competency.
Mansill, Richard	Rock Island	Rock Island	70	July 23, 1899	Local.
Manuel, Alfred	Roseville	Warren	29	Jan. 6, 1913	Second class.
Market, Albert	Roodhouse	Greene	26	*Sept. 16, 1905	Local.
Markham, John J	Taylorville	Christian	40	Jan. 8, 1906	Competency.
Marland, John	Wenona	Marshall	49	Oct. 21, 1895	Competency.
Marland, John	..do	..do	45	Oct. 26, 1891	Service.
Marley, Robert	Atkinson	Henry	29	Oct. 15, 1906	Second class.
Marley, Rd	..do	..do	54	July 25, 1899	Local.

MINE MANAGERS—Continued.

Name.	Post office.	County.	Age.	Date of examination.	Kind of certificate.
Marquis, D. J.	Cuba	Fulton	41	Feb. 9, 1914	First class.
Marquis, D. J.	..do	..do	35	Sept. 21, 1908	Second class.
Marriage, Jos.	Grape Creek	Vermilion	44	*Sept. 12, 1899	Local.
Marsh, James	Riverton	Sangamon	43	Oct. 15, 1900	Competency.
Marshall, G. A.	Cuba	Fulton	40	July 25, 1899	Local.
Marshall, J. C.	Caseyville	St. Clair	39	*Sept. 12, 1899	Local.
Marteens, M.	East Peoria	Tazewell	39	Jan. 17, 1910	Second class.
Martin, A. M.	Greenfield	Greene	43	Nov. 30, 1908	Second class.
Martin, Clarence	Colchester	McDonough	46	Oct. 12, 1914	Second class.
Martin, Charles	Middlegrove	Fulton	33	Dec. 10, 1900	Competency.
Martin, David A.	Canton	..do	36	*Dec. 14, 1904	Local.
Martin, Fred.	Peoria	Peoria	39	*Sept. 12, 1899	Local.
Martin, George	Farmington	Fulton	32	Oct. 15, 1893	Competency.
Martin, George	Kewanee	Henry	35	*Feb. 17, 1903	Local.
Martin, G. W.	Lave	Mercer	48	July 25, 1899	Local.
Martin, Jake	Darmstadt	St. Clair	25	Aug. 15, 1910	Second class.
Martin, John H.	Canton	Fulton	44	*Sept. 12, 1899	Local.
Martin, J. B.	Lave	Mercer	43	July 25, 1899	Local.
Martin, J. W.	Farmington	Fulton	37	July 25, 1899	Local.
Martin, M. J.	Hanna City	Peoria	29	June 15, 1915	First class.
Martin, Patrick	Peoria	..do	42	*Sept. 12, 1899	Local.
Martin, Sherman	Carriers Mills	Saline	39	Aug. 15, 1910	First class.
Martin, Wm., Sr.	Colchester	McDonough	61	July 25, 1899	Local.
Martin, Wm.	..do	..do	32	July 25, 1899	Local.
Martini, Henry	Girard	Macoupin	50	Sept. 8, 1913	First class.
Marxer, Joseph	Millstadt	St. Clair	58	Dec. 10, 1900	Local.
Mason, Eli	Edinburg	Christian	32	Oct. 10, 1892	Competency.
Mason, Frank A.	Carbondale	Jackson	28	Sept. 26, 1899	Local.
Mason, George M.	Kewanee	Henry	35	Oct. 12, 1914	Second class.
Mason, Mark, Jr.	Sato	Jackson	34	Nov. 18, 1895	Competency.
Mason, Mark, Jr.	..do	..do	30	Nov. 16, 1891	Service.
Mason, Megrick C.	LaSalle	LaSalle	36	Jan. 16, 1905	Competency.
Massey, Alfred N.	Belleville	St. Clair	24	Jan. 16, 1905	Competency.
Massey, Jesse	Streator	LaSalle	36	*Sept. 12, 1899	Local.
Massie, John G.	Marissa	St. Clair	44	Nov. 9, 1891	Competency.
Mathews, T. A.	Harrisburg	Saline	39	Feb. 17, 1908	First class.
Mathews, T. J.	Stonefort	St. Clair	56	Nov. 13, 1905	Local.
Mathews, W. S.	Kinmundy	Marion	38	Dec. 18, 1893	Competency.
Matsinger, Theodore	Crab Orchard	Williamson	27	Sept. 26, 1899	Local.
Matson, Andrew	Williamsfield	Knox	47	Dec. 2, 1907	Second class.
Matson, James	Victoria	..do	44	Oct. 11, 1915	Second class.
Mauck, Albert	Danville	Vermilion	28	Aug. 15, 1910	Second class.
Mauck, Joseph	..do	..do	28	Jan. 20, 1902	Local.
Mauck, J. W.	..do	..do	44	Oct. 24, 1910	Second class.
Mauck, L. T.	..do	..do	35	*Sept. 12, 1899	Local.
Mauck, William	..do	..do	27	Dec. 2, 1907	First class.
Maul, Robert	Belleville	St. Clair	26	Nov. 20, 1893	Service.
Maule, Alexander	..do	..do	27	Nov. 25, 1901	Competency.
Maxwell, Augus	Carlinville	Macoupin	57	Feb. 15, 1892	Competency.
May, James	Lewistown	Fulton	47	Oct. 15, 1906	Second class.
May, Roy	..do	..do	28	Dec. 15, 1913	Second class.
Mayhew, R. G.	Murphysboro	Jackson	52	Apr. 20, 1914	First class.
Maynard, Frank	St. David	Fulton	36	Feb. 8, 1915	First class.
Maynard, Henry	Gilchrist	Mercer	28	July 16, 1906	Second class.
Maynard, Henry	Matherville	..do	37	Oct. 12, 1914	First class.
Mays, John F.	Pana	Christian	44	Oct. 10, 1892	Competency.
Medearis, James	Henry	Marshall	.....	*June 2, 1900	Local.
Medill, Duncan	Oglesby	LaSalle	28	Feb. 15, 1892	Competency.
Medill, Duncan	..do	..do	29	Sept. 12, 1892	Competency.
Medill, Ray	West Frankfort	Franklin	28	Apr. 5, 1915	First class.
Medill, Robert M.	Westville	Vermilion	27	July 12, 1909	First class.
Medill, William	West Frankfort	Franklin	27	July 10, 1911	First class.
Meed, Peter J.	Springvalley	Bureau	32	Feb. 15, 1909	First class.
Meehan, Pat.	Breeds	Fulton	40	Oct. 18, 1893	Competency.
Meehan, Pat.	..do	..do	39	Oct. 10, 1892	Service.
Meehan, Peter	Williamsville	Sangamon	35	Nov. 20, 1893	Competency.
Meehan, Peter	Breeds	Fulton	31	Dec. 14, 1891	Service.
Meeks, Joseph	Belleville	St. Clair	26	June 24, 1907	First class.
Meiker, B. F.	Danville	Vermilion	25	*Sept. 12, 1899	Local.
Meller, Louis	Brighton	Macoupin	45	*Sept. 12, 1899	Local.
Mellergram, John	Petersburg	Menard	55	*Dec. 14, 1904	Local.
Mellish, Thomas	Thayer	Sangamon	38	Apr. 20, 1914	First class.
Melstedt, August	Bartonville	Peoria	34	Jan. 15, 1912	Second class.
Melven, Leo	Kewanee	Henry	28	Nov. 24, 1902	Local.
Melven, R.	..do	..do	29	July 25, 1899	Local.
Memmer, L.	Canton	Fulton	41	July 25, 1899	Local.

MINE MANAGERS—Continued.

Name.	Post office.	County.	Age.	Date of examination.	Kind of certificate.
Menzie, J. W.	Virden	Macoupin	40	June 15, 1915	First class.
Mercer, L. W.	St. John	Perry	35	Apr. 17, 1905	Local.
Mercer, Robert	Vermont	Fulton	31	Dec. 2, 1907	Second class.
Mercy, George	St. David	..do	43	*Oct. 11, 1899	Local.
Meredith, C. W.	Augusta	Hancock	47	Mar. 1, 1898	Service.
Merideth, A. R.	Herrin	Williamson	26	July 27, 1908	Second class.
Merideth, Frank E.	Augusta	Hancock	49	Feb. 8, 1915	Second class.
Merkle, Benjamin	Sandoval	Marion	33	Jan. 16, 1905	Competency.
Merrill, R. M.	Campbell Hill	Jackson	35	Mar. 11, 1901	Local.
Merrow, G. W.	Crab Orchard	Williamson	41	Dec. 14, 1903	Local.
Merry, Robert A.	Witt	Montgomery	60	Feb. 13, 1911	First class.
Mertz, Wm. M.	Ottawa	LaSalle	29	*Jan. 20, 1904	Local.
Mescher, W. T.	LaHarpe	Hancock	42	*Feb. 21, 1900	Local.
Metz, William	Willisville	Perry	44	Sept. 8, 1913	First class.
Meyer, Bruno F.	Staunton	Macoupin	25	Jan. 16, 1905	Competency.
Meyer, John	Chillicothe	Peoria	38	Feb. 13, 1911	Second class.
Meyer, John	Duquoin	Perry	29	Apr. 16, 1912	First class.
Meyers, Elmer	Carterville	Williamson	29	Dec. 14, 1914	Second class.
Meyers, John	Victoria	Knox	39	Apr. 11, 1910	Second class.
Meyers, Peter	Bethalto	Madison	39	Apr. 11, 1910	Second class.
Michaels, Lewis	Belleville	St. Clair	50	Nov. 18, 1895	Competency.
Michaels, Louis	..do	..do	47	Jan. 18, 1892	Service.
Michaels, Otto L.	..do	..do	22	Aug. 26, 1896	Competency.
Michaels, Theodore	..do	..do	30	June 7, 1898	Competency.
Middleton, James L.	Sandoval	Marion	36	Oct. 10, 1892	Competency.
Miffs, Henry	New Douglas	Madison	38	May 11, 1914	Second class.
Milan, David	Soperville	Knox	28	June 24, 1907	Second class.
Milan, Joseph	..do	..do	41	Dec. 2, 1907	Second class.
Milborn, Thomas	Lacyville		51	Oct. 18, 1893	Competency.
Milem, John	Norris	Fulton	65	Oct. 21, 1895	Competency.
Milen, John	..do	..do	63	Dec. 14, 1891	Service.
Millard, John	Peoria	Peoria	23	Oct. 18, 1893	Competency.
Miller, Alexander	Ridge Prairie	St. Clair	33	Mar. 1, 1898	Competency.
Miller, B. F.	Viola	Mercer	41	Apr. 27, 1908	Second class.
Miller, Chas.	Edwardsville	Madison	48	July 16, 1906	First class.
Miller, C. G.	Youngstown	Warren	29	Aug. 15, 1904	Local.
Miller, Edward	Sorento	Bond	32	Feb. 28, 1899	Competency.
Miller, Elijah	Grape Creek	Vermilion	30	Nov. 25, 1901	Local.
Miller, Frank R.	Herrin	Williamson	29	Jan. 16, 1905	Competency.
Miller, Geo. A.	Danville	Vermilion	32	*Sept. 12, 1899	Local.
Miller, George W.	Pawnee	Sangamon	43	May 21, 1900	Competency.
Miller, Hugh	Coal City	Grundy	33	Sept. 12, 1892	Competency.
Miller, John	Staunton	Macoupin	38	Nov. 1, 1909	Second class.
Miller, John K.	..do	..do	42	Apr. 27, 1903	Competency.
Miller, John W.	Laura	Peoria	39	Nov. 30, 1908	Second class.
Miller, J. H.	Edwardsville	Madison	30	July 27, 1908	First class.
Miller, L. S.	Grape Creek	Vermilion	27	*Sept. 12, 1899	Local.
Miller, Nicholas	Lebanon	St. Clair	31	Jan. 18, 1892	Service.
Miller, Silas	Grape Creek	Vermilion	50	Nov. 25, 1901	Local.
Miller, Smith	Mapleton	Peoria	33	Dec. 10, 1900	Local.
Miller, W. B.	Carterville	Williamson	48	July 10, 1911	First class.
Miller, Wm.	Lenzburg	St. Clair	47	Nov. 18, 1895	Competency.
Miller, Wm.	Caseyville	..do	33	Jan. 8, 1906	Local.
Miller, Wm.	Equality	Gallatin	36	Oct. 10, 1892	Service.
Miller, Wm. G.	Cable	Mercer	41	July 16, 1906	Second class.
Millett, Thomas	Collinsville	Madison	50	Oct. 10, 1892	Competency.
Millett, Thomas	Peters	..do	50	Jan. 18, 1892	Service.
Millhouse, John G.	Springvalley	Bureau	29	Oct. 15, 1900	Competency.
Mills, T. J.	Cable	Mercer	37	Dec. 18, 1893	Competency.
Mitchell, D. W.	Royalton	Franklin	27	Jan. 10, 1916	First class.
Mitchell, John	Oakwood	Vermilion	60	Apr. 16, 1912	Second class.
Mitchell, John	Streator	LaSalle	38	Dec. 14, 1914	Second class.
Mitchell, J. C.	Derby	Saline	59	Sept. 21, 1908	Second class.
Mitchell, Jesse M.	Murphysboro	Jackson	30	July 27, 1908	First class.
Mitchell, Robert	Prairietown	Madison	37	Dec. 5, 1899	Local.
Mitchell, Robert J.	Shawneetown	Gallatin	37	*Sept. 16, 1905	Local.
Mitchell, Thomas J.	Pana	Christian	40	Jan. 21, 1895	Competency.
Mitchell, Wesley	Greenfield	Greene	39	Apr. 11, 1910	Second class.
Mize, Walter	Blue Mound	Macon	29	July 31, 1905	Competency.
Mobaker, John	Danville	Vermilion	47	*Sept. 3, 1900	Local.
Moffat, R. E.	Percy	Randolph	25	Jan. 21, 1895	Competency.
Moffatt, Thomas	..do	..do	59	Nov. 18, 1895	Competency.
Moffatt, Thomas	..do	..do	55	Nov. 16, 1891	Service.
Molloy, Henry E.	Decatur	Macon	36	Oct. 10, 1892	Competency.
Molloy, John	North Alton	Madison	46	June 21, 1901	Local.
Monaghan, Edw.	Carbon Hill	Grundy	45	Jan. 21, 1895	Competency.

MINE MANAGERS—Continued.

Name.	Post office.	County.	Age.	Date of examination.	Kind of certificate.
Monaghan, Edw	Coal City	Grundy	41	Oct. 26, 1891	Service.
Monaghan, William	Braidwood	Will	45	May 21, 1900	Competency.
Monahan, E. B	Divernon	Sangamon	36	Dec. 14, 1914	First class.
Monks, John A	Mapleton	Peoria	63	Oct. 12, 1914	Second class.
Monroe, Archie	Carriers Mills	Saline	56	Aug. 15, 1904	Local.
Monroe, Wm. R	..do	..do	27	June 24, 1907	First class.
Montgomery, John	DeSoto	Jackson	35	Jan. 8, 1906	Local.
Montieth, Clarence E	Willisville	Perry	29	Dec. 15, 1913	First class.
Montooth, Charles	Bradford	Stark	51	*Sept. 12, 1899	Local.
Moon, W. H	Blandinsville	McDonough	47	July 22, 1912	Second class.
Moorcroft, Thomas	Farmington	Fulton	33	Sept. 8, 1913	Second class.
Moorcroft, Thomas	..do	..do	35	Oct. 11, 1915	First class.
Moore, Alexander	Chicago	Cook	44	Apr. 9, 1900	Competency.
Moore, G. G	Carriers Mills	Saline	31	June 15, 1915	Second class.
Moore, John K	Orion	Henry	29	Oct. 19, 1903	Local.
Moore, Manley	Saline Mines	Gallatin	44	*Sept. 12, 1899	Local.
Moore, Sam	Springfield	Sangamon	42	Nov. 23, 1896	Competency.
Moore, Sim J	Cottage Grove	Saline	40	*Sept. 13, 1904	Local.
Moore, W. F	Victoria	Knox	41	Jan. 20, 1902	Local.
Moore, Wm. J	Havana	Mason	51	Apr. 20, 1914	Second class.
Mooreman, Mark	Illinois City	Rock Island	28	July 25, 1899	Local.
Moran, Jeremiah	Danville	Vermilion	65	Nov. 18, 1895	Competency.
Moran, Mark	Pekin	Tazewell	58	May 21, 1900	Competency.
Moran, Michael F	Sheffield	Bureau	48	*Aug. 18, 1903	Local.
Mordue, Geo	Colchester	McDonough	67	July 25, 1899	Local.
Mordue, James	..do	..do	31	Oct. 12, 1914	Second class.
Morgait, W. B	Cuba	Fulton	36	Mar. 25, 1907	Second class.
Morgan, Chas	Oneida	Knox	64	July 25, 1899	Local.
Morgan, Chester A	Virden	Macoupin	29	Oct. 11, 1915	First class.
Morgan, C. E	Duquoin	Perry	50	June 15, 1915	Second class.
Morgan, George	Springfield	Sangamon	46	Nov. 20, 1893	Competency.
Morgan, Geo. L	Glen Carbon	Madison	38	Nov. 11, 1912	First class.
Morgan, Isaac B	Ladd	Bureau	55	Apr. 9, 1900	Competency.
Morgan, Joseph	Streator	LaSalle	44	Jan. 21, 1895	Competency.
Morgan, W. L	Belleville	St. Clair	36	Apr. 11, 1910	First class.
Morin, D. A	Danville	Vermilion	34	May 16, 1896	Competency.
Morin, D. D	..do	..do	43	*Sept. 12, 1899	Local.
Morin, Jeremiah	..do	..do	62	Feb. 15, 1892	Service.
Morland, John	Wenona	Marshall	23	Oct. 18, 1893	Competency.
Morris, Geo. J	Millersburg	Mercer	36	*Sept. 12, 1899	Local.
Morris, George W	Lebanon	St. Clair	29	Jan. 21, 1895	Competency.
Morris, James F	Springfield	Sangamon	40	Sept. 26, 1899	Competency.
Morris, James H	Nashville	Washington	22	Jan. 21, 1895	Competency.
Morris, James I	Exeter	Scott	28	Dec. 19, 1910	Second class.
Morris, John	Fairbury	Livingston	33	Sept. 8, 1913	First class.
Morris, Joseph	Nashville	Washington	35	Nov. 23, 1896	Competency.
Morris, Joseph	..do	..do	31	Jan. 18, 1892	Service.
Morris, Mordeca	Fiatt	Fulton	54	Oct. 15, 1906	Second class.
Morris, P. W	Roanoke	Woodford	43	Oct. 18, 1893	Competency.
Morris, Robert	Marion	Williamson	32	Dec. 5, 1899	Competency.
Morris, Wm. M	Belleville	St. Clair	57	Nov. 20, 1893	Competency.
Morris, W. J	Dorrisville	Saline	39	Nov. 11, 1912	First class.
Morrisey, Thomas	Lebanon	St. Clair	38	Nov. 23, 1896	Competency.
Morrison Alva	Modena	Stark	28	Dec. 10, 1900	Local.
Morrison, D. H	Girard	Macoupin	45	Aug. 26, 1896	Competency.
Morse, Clyde	Middlegrove	Fulton	24	Oct. 11, 1915	Second class.
Morse, F. H	..do	..do	38	Sept. 21, 1908	Second class.
Morton, Andrew	Virginia	Cass	31	Oct. 10, 1892	Competency.
Morton, Robert	Mapleton	Peoria	26	Dec. 14, 1891	Service.
Morton, Robert	Virginia	Cass	27	Sept. 12, 1892	Competency.
Morton, T. J	Danville	Vermilion	30	*Sept. 12, 1899	Local.
Moses, John L	Marion	Williamson	44	Apr. 17, 1905	Competency.
Moses, Tom	Westville	Vermilion	35	Jan. 16, 1905	Competency.
Mosher, Chas	Etherly	Knox	49	Dec. 5, 1899	Local.
Moss, J. W	Astoria	Fulton	60	Apr. 10, 1911	Second class.
Moss, Oliver	Vergennes	Jackson	28	Sept. 26, 1899	Local.
Moss, Thomas	Staunton	Macoupin	42	June 6, 1899	Competency.
Mould, Thomas R	O'Fallon	St. Clair	21	Mar. 1, 1898	Competency.
Moulton, C. C	Danville	Vermilion	42	Nov. 20, 1911	Second class.
Mountjoy, John H	Wenona	Marshall	65	Apr. 17, 1905	Competency.
Moubray, John	Atkinson	Henry	58	July 25, 1899	Local.
Muir, Geo	Victoria	Knox	39	*Jan. 20, 1904	Local.
Muir, Hunter	Etherly	..do	29	Dec. 5, 1899	Competency.
Muir, Richard	Peoria	Peoria	35	Dec. 2, 1907	Second class.
Mulligan, Ed	Farmington	Fulton	38	Apr. 5, 1915	First class.
Mulvaney, Chris	..do	..do	55	*May 11, 1904	Local.

Mine Managers—Continued.

Name.	Post office.	County.	Age.	Date of examination.	Kind of certificate.
Munster, Anton	Westville	Vermilion	42	July 20, 1903	Competency.
Munster, James	Eldorado	Saline	43	Dec. 19, 1910	First class.
Munts, Jabez	Streator	LaSalle	28	Nov. 14, 1904	Competency.
Munts, Wm	..do	..do	33	*Sept. 12, 1899	Local.
Muntz, William	..do	..do	39	Nov. 14, 1904	Competency.
Murcheism, Kenneth	Kewanee	Henry	59	Apr. 9, 1900	Local.
Murdock, John	Breeds	Fulton	47	Apr. 9, 1900	Competency.
Murphy, Barney	Pana	Christian	53	May 15, 1916	First class.
Murphy, Chas. H	Canton	Fulton	27	July 25, 1899	Local.
Murphy, Fred	Belleville	St. Clair	58	*Aug. 9, 1900	Local.
Murphy, Hiram	Macomb	McDonough	56	*Feb. 21, 1906	Local.
Murphy, James	Belleville	St. Clair	41	Jan. 14, 1907	Second class.
Murphy, Jerry	Chatham	Sangamon	31	Nov. 20, 1893	Competency.
Murphy, John	Braidwood	Will	41	Dec. 18, 1893	Competency.
Murphy, John	..do	..do	39	Oct. 26, 1891	Service.
Murphy, J. J	Fairview	Fulton	38	*Oct. 3, 1905	Local.
Murphy, Ted	Monmonth	Warren	38	July 25, 1899	Local.
Murphy, Mike	Bush	Williamson	44	Oct. 15, 1906	First class.
Murphy, Pat	Springfield	Sangamon	30	Jan. 21, 1895	Competency.
Murphy, W. H	Canton	Fulton	54	Jan. 14, 1907	Second class.
Murray, A	Nashville	Washington	28	Mar. 1, 1898	Competency.
Murray, David	Sparta	Randolph	32	Nov. 16, 1891	Competency.
Murray, Frank	Colchester	McDonongh	38	Oct. 12, 1914	Second class.
Murray, Hugh	Sparta	Randolph	36	Dec. 14, 1891	Competency.
Murray, James W	Westville	Vermilion	43	Nov. 13, 1905	Competency.
Murray, J. H	Galva	Henry	57	Nov. 18, 1895	Competency.
Murray, Samuel	Monmouth	Warren	50	Aug. 15, 1904	Local.
Murray, Wm. L	Odin	Marion	40	Apr. 5, 1915	First class.
Murrie, Archibald	Centralia	..do	48	Sept. 26, 1899	Competency.
Mustard, Elija	Canton	Fnlton	28	Sept. 9, 1901	Local.
Mustard, George	Norris	..do	26	June 24, 1901	Competency.
Mutchler, Peter P	Mapleton	Peoria	44	Dec. 15, 1913	Second class.
Muzzy, William H	Peoria	..do	38	Sept. 9, 1901	Local.
Myers, Chas. A	LaHarpe	Hancock	39	*June 26, 1900	Local.
Myers, Elmer	Carterville	Williamson	29	Dec. 14, 1914	Second class.
Myers, George	Ottawa	LaSalle	30	*Jan. 6, 1900	Local.
Myers, Isaac	Harrisburg	Saline	40	Nov. 11, 1912	First class.
Myers, Perry	Bethalto	Madison	45	*Sept. 12, 1899	Local.
Myers, Thomas E	Marion	Williamson	30	Mar. 25, 1907	First class.
Myers, W. H	Carbondale	Jackson	26	Sept. 26, 1899	Local.
Nace, A. B	Farmington	Fulton	40	Dec. 2, 1907	Second class.
Nael, Reese	Kangley	LaSalle	35	Oct. 21, 1895	Competency.
Naeve, Wm	Bunker Hill	Macoupin	28	May 15, 1916	Second class.
Nahm, R. J	Lewistown	Fulton	43	Jan. 10, 1916	Second class.
Neal, Albert	Murphysboro	Jackson	34	Nov. 20, 1893	Competency.
Neal, Warren	Danville	Vermilion	37	Apr. 27, 1908	First class.
Neal, Wm	Murphysboro	Jackson	37	Nov. 20, 1893	Competency.
Neal, Wm	..do	..do	36	Nov. 16, 1891	Service.
Nealson, Robert	Herrin	Williamson	47	Nov. 11, 1912	First class.
Neave, James	Mineral	Bureau	37	Mar. 25, 1907	Second class.
Nee, John J	Colchester	McDonough	38	July 25, 1899	Local.
Needles, Thad	Glenburn	Vermilion	49	Jan. 21, 1895	Competency.
Neeson, Richard	Divernon	Sangamon	43	Sept. 9, 1901	Competency.
Neil, Peter	Bunker Hill	Macoupin	44	Nov. 18, 1895	Competency.
Neil, Peter	..do	..do	41	Feb. 15, 1892	Service.
Neil, Wm	..do	..do	61	Apr. 27, 1908	Second class.
Nelson, Andrew	Fairview	Fulton	35	Dec. 2, 1907	Second class.
Nelson, A. J	Knoxville	Knox	52	Oct. 12, 1914	Second class.
Nelson, Chris	Chandlerville	Cass	37	Sept. 9, 1901	Local.
Nelson, James	Knoxville	Knox	44	July 25, 1899	Local.
Nelson, John S	Morris	Grundy	25	Mar. 11, 1901	Local.
Nelson, Louis	Streator	LaSalle	45	July 25, 1899	Local.
Nelson, Nels	Ottawa	..do	29	*Oct. 30, 1899	Local.
Nelson, R. J	Springfield	Sangamon	39	Dec. 14, 1914	First class.
Nenneker, Andy	Bushnell	McDonough	33	*May 11, 1904	Local.
Nenneker, Fred	..do	..do	37	*May 11, 1904	Local.
Nesbet, Thomas	Ava	Jackson	34	June 24, 1907	Second class.
Nesbit, Charles	Millstadt	St. Clair	55	Nov. 18, 1895	Competency.
Nesbit, Charles	..do	..do	52	Jan. 18, 1892	Service.
Neubauer, Julius[1]	Troy	Madison	29	Mar. 13, 1905	Competency.
Nevener, John	Belleville	St. Clair	30	Jan. 21, 1895	Competency.
Neville, George W	Duquoin	Perry	52	Sept. 22, 1902	Competency.
Neville, William	Catlin	Vermilion	39	June 16, 1902	Local.

MINE MANAGERS—Continued.

Name.	Post office.	County.	Age	Date of examination.	Kind of certificate.
Neuberry, Geo.	Lewistown	Fulton	40	Oct. 11, 1915	Second class.
Neuburn, Charles	Cuba	..do	38	Nov. 20, 1911	Second class.
Newcomb, H. C.	Pana	Christian	30	Aug. 6, 1900	Competency.
Newell, J.	Sparland	Marshall	24	*Dec. 18, 1899	Local.
Newell, Oscar	Chillicothe	Peoria	26	Jan. 6, 1913	Second class.
Newsam, Henry F.	Springfield	Sangamon	37	Oct. 10, 1892	Competency.
Newsam, John	Kingston	Dekalb	41	Sept. 12, 1892	Competency.
Newsam, Richard	Orchard Mines	Peoria	48	Dec. 14, 1891	Competency.
Newsam, Richard, Jr.	Kingston Mines	..do	26	June 7, 1898	Competency.
Newsam, Thomas, Jr.	..do	..do	23	June 7, 1898	Competency.
Newsam, Thomas	..do	..do	38	Dec. 18, 1893	Competency.
Newton, Benjamin F.	Bradford	Stark	44	*Jan. 20, 1904	Local.
Newton, Charles J.	Toulon	..do	35	Oct. 12, 1914	Second class.
Newton, F. B.	Modena	..do	29	Aug. 6, 1900	Local.
Newton, George H.	Toulon	..do	24	Sept. 23, 1901	Local.
Newton, Walter	Springvalley	Bureau	32	Jan. 14, 1907	First class.
Nibbelin, John	Elmwood	Peoria	33	June 24, 1901	Local.
Nicary, John	Lincoln	Logan	32	Oct. 21, 1895	Competency.
Nichols, Walter	Benton	Franklin	36	Apr. 16, 1912	First class.
Nichols, Walter	..do	..do	46	Nov. 11, 1912	First class.
Nicholson, Edward	Nashville	Washington	40	Apr. 27, 1908	First class.
Nicholson, George A.	Cuba	Fulton	32	Oct. 21, 1895	Competency.
Nicholson, Wm.	..do	..do	65	Oct. 21, 1895	Competency.
Nicholson, Wm.	..do	..do	63	Dec. 18, 1893	Service.
Nighswonger, Asa	Sparland	Marshall	28	*Nov. 15, 1899	Local.
Nixon, Robert	Virden	Macoupin	47	July 20, 1903	Competency.
Nodeon, E. W.	Wataga	Knox	24	July 25, 1899	Local.
Nold, Fred	Freeburg	St. Clair	23	Oct. 22, 1894	Competency.
Noll, Peter	Belleville	..do	31	Aug. 6, 1900	Competency.
Norberg, Alex.	Cherry	Bureau	37	Nov. 1, 1909	First class.
Norburg, Nels C.	Victoria	Knox	38	Mar. 7, 1916	Second class.
Nordeen, Peter	Galva	Henry	61	Feb. 20, 1896	Competency.
Nordman, Joseph	Breese	Clinton	25	Nov. 1, 1909	First class.
Nordness, C. K.	Girard	Macoupin	40	Oct. 19, 1903	Competency.
Norien, A. G.	Sheffield	Bureau	36	Jan. 16, 1905	Local.
Norman, A. E.	Oglesby	LaSalle	48	June 16, 1913	First class.
Norris, Floyd	Duquoin	Perry	30	Sept. 26, 1899	Local.
Northrop, George	Alsey	Scott	26	July 10, 1911	Second class.
Norton, M. J.	Milan	Rock Island	42	July 10, 1911	Second class.
Notman, George	Streator	LaSalle	34	Nov. 24, 1902	Competency.
Noyd, Lewis	Galva	Henry	56	Dec. 14, 1891	Service.
Nozley, Alfred	Golden	Adams	47	*Feb. 20, 1900	Local.
Nuttall, J. F.	Westville	Vermilion	43	Dec. 2, 1907	First class.
Nyde, John E.	Galva	Henry	50	July 25, 1899	Local.
O'Beirne, John	Springvalley	Bureau	51	Dec. 5, 1899	Competency.
O'Brian, Wm.	Cuba	Fulton	40	Oct. 15, 1906	Second class.
O'Briant, James	Georgetown	Vermilion	42	June 24, 1907	First class.
O'Briant, James	..do	..do	42	Oct. 15, 1906	Second class.
O'Brien, James	Belleville	St. Clair	28	Mar. 11, 1901	Competency.
O'Brien, John	Shelbyville	Shelby	57	Nov. 20, 1911	Second class.
O'Brien, John J.	Marquette	Bureau	36	May 16, 1896	Competency.
O'Brien, John W.	Toluca	Marshall	42	Dec. 18, 1893	Competency.
O'Brien, Pat J.	Springvalley	Bureau	32	Oct. 18, 1893	Competency.
O'Brine, Wm.	Pana	Christian	33	Dec. 18, 1893	Competency.
O'Connor, Henry	Springvalley	Bureau	26	Aug. 15, 1910	First class.
O'Connor, James	..do	..do	41	Sept. 13, 1898	Competency.
O'Connor, John	Braidwood	Will	42	Nov. 23, 1896	Competency.
O'Connor, Patrick	Paisley	Montgomery	39	June 24, 1901	Competency.
O'Daniel, Arthur	Danville	Vermilion	27	*Sept. 24, 1900	Local.
Odum, D. B.	Carriers Mills	Saline	54	*Dec. 14, 1904	Local.
Oetken, A. J.	Bethalto	Madison	29	Dec. 14, 1914	Second class.
Oettel, Paul	Staunton	Macoupin	24	June 16, 1913	First class.
Oexner, Wendelin	Belleville	St. Clair	41	July 13, 1897	Service.
Ogden, Arthur	Danville	Vermilion	35	Nov. 20, 1911	Second class.
Oldham, Ralph	Colchester	McDonough	30	*May 11, 1904	Local.
Oldham, Samuel	..do	..do	30	Jan. 8, 1906	Local.
O'Leary, John	Marquette	Bureau	41	Aug. 26, 1896	Competency.
Oliver, C. W.	Breeds	Fulton	44	June 24, 1907	Second class.
Olroyd, Peter	Westville	Vermilion	30	Apr. 17, 1905	Competency.
Olson, August	Grape Creek	..do	34	Aug. 12, 1907	Second class.
Oltman, Charles	Hampton	Rock Island	49	Dec. 14, 1914	Second class.
O'Neil, John	Germantown	Clinton	41	Mar. 13, 1905	Competency.
O'Neil, John	Streator	LaSalle	24	Jan. 10, 1916	Second class.
Opie, William	Sandoval	Marion	48	Jan. 18, 1892	Competency.
Opp, George	Havana	Mason	49	Apr. 20, 1914	Second class.

MINE MANAGERS—Continued.

Name.	Post office.	County.	Age.	Date of examination.	Kind of certificate.
Opp, Sherman	Collinsville	Madison	44	June 24, 1907	Second class.
Orchard, S. D	Exeter	Scott	48	Apr. 10, 1911	Second class.
Osborn, Thomas L	Eagle	Saline	37	Sept. 21, 1908	Second class.
Owen, Orby G	Stonefort	..do	25	Sept. 26, 1899	Local.
Owens, Robert	Marion	Williamson	36	Nov. 23, 1896	Competency.
Owens, R. D	Farmington	Fulton	34	Sept. 21, 1908	First class.
Owens, William	Tallula	Menard	37	Oct. 15, 1900	Competency.
Oziak, Samuel C	Toulon	Stark	47	Oct. 11, 1915	Second class.
Paden, John W	Johnston City	Williamson	38	June 14, 1914	First class.
Pahlman, H	Bluffs	Scott	25	June 24, 1901	Local.
Palecek, William	Collinsville	Madison	26	Jan. 17, 1910	First class.
Parker, Albert	..do	..do	38	May 16, 1896	Competency.
Parker, Joe	So. Wilmington	Grundy	45	Apr. 17, 1905	Competency.
Parker, Wm	Milan	Rock Island	27	July 25, 1899	Local.
Parker, W. G	Winchester	Scott	36	*Sept. 12, 1899	Local.
Parkin, William	Sweet Water	Menard	56	Feb. 15, 1892	Service.
Parkinson, Benj	Livingston	Madison	40	Dec. 15, 1913	First class.
Parks, M. R	Bluff City	Schuyler	45	Jan. 10, 1916	Second class.
Parle, James	Danville	Vermilion	29	Apr. 17, 1905	Local.
Parle, Slyvester	..do	..do	60	*Mar. 3, 1900	Local.
Parr, Joseph	Princeville	Peoria	28	Dec. 5, 1899	Local.
Parr, Ross	Astoria	Fulton	32	Apr. 20, 1914	Second class.
Parr, Sam	Fairview	..do	66	Oct. 15, 1906	Second class.
Parris, R. H	Herrin	Williamson	33	Jan. 10, 1916	First class.
Parsano, J. G	Ray	Schuyler	45	Mar. 7, 1916	Second class.
Partham, M	Sato	Jackson	59	*Sept. 12, 1899	Local.
Pascoe, James H	Belleville	St. Clair	32	Sept. 21, 1908	First class.
Passent, Joseph T	Springfield	Sangamon	44	Jan. 16, 1905	Competency.
Passent, Wm. C	Barclay	..do	35	June 6, 1899	Competency.
Patchet, John	Murphysboro	Jackson	42	Nov. 18, 1895	Competency.
Patrick, George W	Carbondale	..do	42	Oct. 12, 1914	Second class.
Patterson, John C	Springvalley	Bureau	39	Oct. 26, 1891	Service.
Patterson, J. C	Assumption	Christian	39	Dec. 18, 1893	Competency.
Patton, Geo. A	Belleville	St. Clair	37	Nov. 13, 1905	Competency.
Patton, Wm. A	Kramm	Peoria	39	Oct. 15, 1906	Second class.
Paul, John	Johnston City	Williamson	37	June 14, 1914	First class.
Paul, John	Sheffield	Bureau	42	July 25, 1899	Local.
Paul, Thomas W	Johnston City	Williamson	28	July 22, 1912	First class.
Payne, Charles C	St. John	Perry	25	Sept. 26, 1899	Local.
Payne, Harvey	Riverton	Sangamon	31	July 20, 1903	Competency.
Payne, William	Decatur	Macon	39	July 22, 1912	First class.
Peacock, Henry C	Green River	Henry	36	Nov. 30, 1908	Second class.
Pearson, Daniel	Rapatee	Fulton	50	Apr. 20, 1914	Second class.
Pearson, John	Colchester	McDonough	63	Nov. 14, 1904	Local.
Pearson, J. H	Henry	Marshall	45	Oct. 24, 1910	Second class.
Pearson, Wm. M	Astoria	Fulton	34	Apr. 14, 1902	Local.
Peart, John	Braidwood	Will	48	Oct. 22, 1894	Competency.
Peart, John	..do	..do	45	Oct. 26, 1891	Service.
Peck, E. E	Canton	Fulton	33	*Sept. 12, 1899	Local.
Peek, R. J	Girard	Macoupin	51	Dec. 14, 1914	First class.
Pendergast, John	Sopervile	Knox	28	Dec. 5, 1899	Local.
Penman, James	Streator	LaSalle	21	*Sept. 12, 1899	Local.
Penman, Wm	Pre-emption	Mercer	30	July 25, 1899	Local.
Penn, George	Belleville	St. Clair	59	Nov. 24, 1902	Local.
Penn, Henry	Brimfield	Peoria	33	Nov. 14, 1904	Local.
Penwell, C. T	Pana	Christian	24	Oct. 15, 1900	Competency.
Percell, Thomas	Norris	Fulton	40	Nov. 20, 1893	Competency.
Perdue, Joseph	Hudgens	Williamson	50	Dec. 14, 1903	Local.
Perkins, John E	Osceola	Stark	37	Mar. 11, 1901	Local.
Perkins, J. B	Ray	Schuyler	37	*June 24, 1903	Local.
Perry, D. E	Colchester	McDonough	40	July 25, 1899	Local.
Peters, Bernard	Belleville	St. Clair	24	Sept. 22, 1902	Local.
Peters, Guy H	Victoria	Knox	24	Nov. 30, 1908	Second class.
Peters, J. D	Murphysboro	Jackson	49	Nov. 20, 1893	Competency.
Peters, M	Streator	LaSalle	58	*Sept. 12, 1899	Local.
Peterson, August	Soperville	Knox	44	Nov. 24, 1902	Local.
Peterson, Bryan B	Cable	Mercer	20	July 25, 1899	Local.
Peterson, Carl E	New Windsor	..do	37	Nov. 11, 1912	Second class.
Peterson, E	Etherly	Knox	42	July 25, 1899	Local.
Peterson, Frank A	Kewanee	Henry	25	Apr. 14, 1913	Second class.
Peterson, Frank E	New Windsor	Mercer	29	Sept. 21, 1908	Second class.
Peterson, J. A	..do	..do	52	Nov. 11, 1912	Second class.
Peterson, Nicholas	Osceola	Stark	26	Nov. 14, 1904	Local.
Peterson, R. W	Aledo	Mercer	25	Mar. 7, 1916	Second class.
Petri, George	Pekin	Tazewell	33	Aug. 15, 1904	Local.

MINE MANAGERS—Continued.

Name.	Post office.	County.	Age.	Date of examination.	Kind of certificate.
Petri, Joseph	Belleville	St. Clair	27	Feb. 17, 1908	First class.
Pettier, Moses	Springvalley	Bureau	21	Oct. 22, 1894	Competency.
Pettigrew, Alexander	Maryville	Madison	33	Apr. 11, 1910	First class.
Pettigrew, Robert	Troy	do	24	Nov. 13, 1905	Competency.
Petty, John	Sparta	Randolph	43	Oct. 12, 1914	First class.
Pfander, Fred	Peoria	Peoria	37	Dec. 14, 1891	Service.
Phillips, George	Cherry	Bureau	26	June 16, 1913	First class.
Phillips, Geo. A	Carterville	Williamson	40	Mar. 25, 1907	Second class.
Phillips, James	Minonk	Woodford	41	Nov. 23, 1896	Competency.
Phillips, Sebirt	Carbondale	Jackson	36	Jan. 20, 1902	Local.
Phillips, W. C	Staunton	Macoupin	34	Sept. 21, 1908	First class.
Pichon, Joseph	Danville	Vermilion	32	*May 11, 1904	Local.
Pick, Edward	Centralia	Marion	33	June 6, 1899	Competency.
Pickett, George	Danville	Vermilion	53	Dec. 10, 1900	Local.
Pickett, Joseph	Springvalley	Bureau	40	Jan. 16, 1905	Competency.
Pickett, Robert	do	do	37	Dec. 18, 1893	Competency.
Pickett, Robert	Hampton	Rock Island	36	Jan. 18, 1892	Service.
Picton, Joseph	St. David	Fulton	36	Dec. 18, 1893	Competency.
Picton, John W	Farmington	do	39	June 24, 1901	Competency.
Pierce, Wm	Edinburg	Christian	24	Oct. 10, 1892	Competency.
Pierson, Robert	Harrisburg	Saline	34	Nov. 25, 1901	Competency.
Pistor, William	Millstadt	St. Clair	37	*Sept. 12, 1899	Local.
Pitchford, Claude E	Rockbridge	Greene	34	Dec. 14, 1914	Second class.
Pleschner, Oscar J	Westville	Vermilion	24	Dec. 2, 1907	First class.
Plumlee, Arthur	Duquoin	Perry	27	Mar. 25, 1907	First class.
Plummer, T. J	Gillespie	Macoupin	42	Jan. 15, 1912	First class.
Poelker, Joseph	Germantown	Clinton	37	Apr. 9, 1900	Competency.
Pohlemus, A B	Danville	Vermilion	43	Mar. 25, 1907	Second class.
Pollett, J. G	Canton	Fulton	51	Jan. 6, 1913	Second class.
Pollitt, G. A	do	do	30	Jan. 14, 1907	Second class.
Pollitt, James H	do	do	46	*May 9, 1900	Local.
Polonus, Geo	Colchester	McDonough	45	July 25, 1899	Local.
Pool, Benj	Rushville	Schuyler	54	Nov. 30, 1908	Second class.
Pool, Edgar E	Murphysboro	Jackson	40	Nov. 18, 1895	Competency.
Poole, Edgar E	do	do	36	*Dec. 30, 1891	Service.
Poole, Plummer	Danville	Vermilion	41	*May 11, 1904	Local.
Poole, William	Kickapoo	Peoria	44	*Sept. 12, 1899	Local.
Porrith, Thomas	Carterville	Williamson	39	Nov. 14, 1904	Local.
Porter, Charles	Colchester	McDonough	42	Nov. 11, 1912	Second class.
Porter, H. C	Cuba	Fulton	27	Sept. 21, 1908	Second class.
Porter, Wm. H	Macomb	McDonough	68	July 25, 1899	Local.
Portwood, James	Lewistown	Fulton	44	Sept. 26, 1899	Local.
Posten, M. W	Briarbluff	Henry	47	Nov. 25, 1901	Local.
Postle, John	Braceville	Grundy	30	Oct. 26, 1891	Competency.
Poston, Leonard G	Moline	Rock Island	52	Feb. 15, 1909	Second class.
Potter, Edward	Mapleton	Peoria	46	Dec. 14, 1914	Second class.
Potter, George	do	do	34	Oct 18, 1893	Competency.
Potter, L	do	do	67	*Sept. 12, 1899	Local.
Powell, Albert E	Belleville	St. Clair	28	Jan. 18, 1892	Competency.
Powell, Cliff	Fairmount	Vermilion	32	Dec. 2, 1907	Second class.
Powell, David	Braceville	Grundy	37	Oct. 21, 1895	Competency.
Powell, David	do	do	33	Oct. 26, 1891	Competency.
Powell, Evan	Murphysboro	Jackson	40	Oct. 21, 1895	Competency.
Powell, James	Mt. Olive	Macoupin	30	Nov. 11, 1912	First class.
Powell, John A	Mapleton	Peoria	56	Jan. 14, 1907	Second class.
Powell, J. E	Sato	Jackson	45	Nov. 23, 1896	Competency.
Powell, Samuel	Roanoke	Woodford	31	Dec. 18, 1893	Competency.
Powell, Thomas H	Belleville	St. Clair	33	Jan. 21, 1895	Competency.
Powers, James	New Burnside	Johnson	64	Sept. 26, 1899	Local.
Pratt, William	Danville	Vermilion	39	Apr. 16, 1906	Second class.
Presswood, C	Pinckneyville	Perry	63	Mar. 11, 1901	Local.
Preston, Thomas	Canton	Fulton	34	Oct. 11, 1915	First class.
Preston, Thomas	do	do	31	June 16, 1913	Second class.
Pricco, Andrew J	Springvalley	Bureau	25	Feb. 8, 1915	First class.
Price, Benjamin	Kewanee	Henry	36	Nov. 25, 1901	Local.
Price, Clarence H	Macomb	McDonough	34	Oct. 15, 1906	Second class.
Price, David	Fairbury	Livingston	44	Oct. 26, 1891	Service.
Price, Fred W	Centralia	Marion	32	Jan. 16, 1905	Competency.
Price, Gilford	Marion	Williamson	33	June 24, 1907	Second class.
Price, James L	Danville	Vermilion	59	Feb. 15, 1892	Service.
Price, John B	Marissa	St. Clair	38	Aug. 12, 1907	First class.
Price, John	Wyoming	Stark	56	*Sept. 12, 1899	Local.
Price, William	Braceville	Grundy	47	June 13, 1904	Competency.
Prince, Thomas	Gillespie	Macoupin	29	Feb. 15, 1892	Competency.
Proctor, Christopher	Elmwood	Peoria	36	*Sept. 12, 1899	Local.
Proctor, Michael J	Toluca	Marshall	35	Dec. 5, 1899	Competency.

Mine Managers—Continued.

Name.	Post office.	County.	Age.	Date of examination.	Kind of certificate.
Proctor, Peter	Briadwood	Will	30	Mar. 13, 1905	Competency.
Pruett, J. R.	Clifford	Williamson	34	May 15, 1916	First class.
Prudent, Edward	Centralia	Marion	28	Feb. 28, 1899	Competency.
Pryce, John M.	Coal Valley	Rock Island	32	May 16, 1896	Competency.
Pryer, William	Gillespie	Macoupin	37	Nov. 30, 1908	First class.
Pugh, Dan	St. John	Perry	43	Oct. 22, 1894	Competency.
Pugh, Geo. A.	Ava	Jackson	24	Nov. 14, 1904	Local.
Pullen, Charles	Litchfield	Montgomery	55	Feb. 15, 1892	Service.
Pullen, Charles	..do	..do	56	Oct. 15, 1892	Competency.
Pullen, James	Sorento	Bond	31	Feb. 28, 1899	Competency.
Pulliam, Ben	Carriers Mills	Saline	36	June 27, 1910	First class.
Putnam, Jonah S.	Danville	Vermilion	41	*Aug. 18, 1903	Local.
Putnam, Lewis	Dunfermline	Fulton	34	Oct. 15, 1906	Second class.
Pye, William	Bartonville	Peoria	38	Jan. 20, 1902	Competency.
Pyle, Jos. F.	Kewanee	Henry	36	July 25, 1899	Local.
Quanstrom, Charles	Victoria	Knox	31	Sept. 21, 1908	Second class.
Quigley, Joseph	Canton	Fulton	49	Aug. 15, 1910	First class.
Raby, Robt. A.	Cuba	..do	48	Oct. 21, 1895	Competency.
Raddlebeck, Joseph	Brimfield	Peoria	51	*Sept. 12, 1899	Local.
Radford, James	Springfield	Sangamon	32	Sept. 26, 1899	Competency.
Radford, Thomas	Bloomington	McLean	61	Jan. 21, 1895	Service.
Radford, Thomas	..do	..do	61	Oct. 18, 1895	Competency.
Radford, Wm. T.	..do	..do	33	July 25, 1899	Competency.
Radford, Wm.	Cuba	Fulton	50	Nov. 20, 1893	Competency.
Radford, Wm.	Bloomington	McLean	47	Dec. 14, 1891	Service.
Rae, Robert	Braidwood	Will	33	Oct. 26, 1891	Competency.
Raffee, Robert	Farmington	Fulton	36	*Sept. 12, 1899	Local.
Rainey, Ellis	Peoria	Peoria	28	Feb. 9, 1914	Second class.
Rains, Charles	Oraville	Jackson	29	*Jan. 20, 1904	Local.
Rakestraw, John W.	St. David	Fulton	32	Mar. 25, 1907	Second class.
Ralls, O. F.	Herrin	Williamson	38	Nov. 11, 1912	First class.
Ramaden, John H.	Aledo	Mercer	57	Nov. 30, 1908	Second class.
Ramsey, Charles J.	Gillespie	Macoupin	44	Feb. 15, 1892	Competency.
Ramsey, Gilbert	Georgetown	Vermilion	36	June 16, 1913	First class.
Ramsey, Richard	Braceville	Grundy	49	*Dec. 30, 1891	Competency.
Ramsey, Thomas	Danville	Vermilion	42	Mar. 7, 1916	First class.
Ramshaw, John	Eden	Peoria	55	Dec. 10, 1900	Local.
Rand, John	Bryant	Fulton	49	July 25, 1899	Local.
Randle, Jesse	Birkner	St. Clair	31	Jan. 18, 1892	Service.
Randle, Jesse	..do	..do	34	Nov. 18, 1895	Competency.
Rands, Thomas	Chesterfield	Macoupin	43	Mar. 11, 1901	Local.
Rarick, Phillip W.	Glen Carbon	Madison	33	Dec. 5, 1899	Competency.
Rasmussen, James E.	Mineral	Bureau	.....	Oct. 18, 1893	Competency.
Ratcliff, Arthur	Kewanee	Henry	29	Nov. 14, 1904	Competency.
Ratcliff, Arthur	Neponset	Bureau	24	*Dec. 26, 1899	Local.
Ratcliff, Lewis	Ellisville	Fulton	25	Mar. 7, 1916	Second class.
Ratigan, D. F.	Exeter	Scott	34	Dec. 14, 1914	Second class.
Ratley, Charles	Cypress Jct.	Saline	33	July 25, 1899	Local.
Ratley, James E.	Equality	Gallatin	27	Oct. 15, 1900	Local.
Rauft, Edward	Bluffs	Scott	47	July 27, 1908	Second class.
Rauth, John	Belleville	St. Clair	30	Oct. 10, 1892	Competency.
Ray, A. B.	Catlin	Vermilion	30	Aug. 6, 1900	Local.
Ray, Charles A.	Carbondale	Jackson	42	Sept. 21, 1908	Second class.
Ray, William	Danville	Vermilion	48	*Sept. 12, 1899	Local.
Rayborn, George	Winchester	Scott	40	Nov. 25, 1901	Local.
Reagan, Daniel	Muddy Valley	Jackson	38	Nov. 20, 1893	Competency.
Reavley, Robert	Riverton	Sangamon	24	Dec. 6, 1898	Competency.
Reavley, Robert	..do	..do	36	Apr. 10, 1911	First class.
Redding, Chris	Streator	LaSalle	47	Apr. 5, 1915	Second class.
Redshaw, William	Springvalley	Bureau	30	Mar. 13, 1905	Competency.
Redyard, John	Odin	Marion	34	Oct. 21, 1895	Competency.
Reeb, Phillip	Belleville	St. Clair	38	Feb. 12, 1900	Competency.
Reed, James	Herrin	Williamson	33	Nov. 13, 1905	Competency.
Reed, John	..do	..do	43	Dec. 5, 1899	Local.
Reed, John H.	Breeds	Fulton	24	Sept. 21, 1908	Second class.
Reed, Joseph	Marion	Williamson	29	Nov. 18, 1895	Competency.
Reed, William	Soperville	Knox	64	July 25, 1899	Local.
Reed, Wm.	Girard	Macoupin	49	Jan. 21, 1895	Competency.
Reed, W. B.	Wilsman	LaSalle	29	*Sept. 12, 1899	Local.
Reents, August	Kramm	Peoria	24	Sept. 26, 1899	Competency.
Rees, Edwin	Gillespie	Macoupin	36	Apr. 16, 1912	First class.
Reese, Daniel	Danville	Vermilion	30	Feb. 20, 1896	Competency.
Reese, D. E.	Gillespie	Macoupin	29	Jan. 15, 1912	First class.
Reese, Leonard	Streator	LaSalle	37	*Sept. 12, 1899	Local.

MINE MANAGERS—Continued.

Name.	Post office.	County.	Age.	Date of examination.	Kind of certificate.
Reeve, Ed	Glasford	Peoria	29	Oct. 15, 1906	Second class.
Reeves, John	Hudgens	Williamson	30	Sept. 9, 1901	Local.
Reib, Conrad	Belleville	St. Clair	31	*Sept. 12, 1899	Local.
Reid, Andrew	Springfield	Sangamon	49	Oct. 10, 1892	Competency.
Reid, John T	Saline Mines	Gallatin	30	Sept. 26, 1899	Local.
Reid, Wm. B	Wilsman	Williamson	30	Dec. 5, 1899	Competency.
Reiff, Jacob	Kewanee	Henry	37	*Apr. 13, 1901	Local.
Reilly, Edward	Danville	Vermilion	30	Oct. 10, 1892	Service.
Reilly, Edward	..do	..do	33	Nov. 18, 1895	Competency.
Reimann, John	Belleville	St. Clair	35	May 16, 1896	Competency.
Reinhardt, Conrad	Blair	Randolph	42	*Sept. 16, 1905	Local.
Reinholt, Frank	Watagа	Knox	41	Mar. 11, 1901	Local.
Reinnick, Wm. C	Modena	Stark	48	*Sept. 12, 1899	Local.
Reisinger, Chas. L	Pinckneyville	Perry	27	Aug. 12, 1907	Second class.
Rennison, Henry	St. John	..do	41	May 16, 1896	Competency.
Renter, Max	Staunton	Macoupin	31	Sept. 21, 1908	First class.
Rentfro, F. E	Crab Orchard	Williamson	52	June 27, 1910	Second class.
Rettle, Frank A	Belleville	St. Clair	31	June 24, 1907	Second class.
Revelle, M. A	Duquoin	Perry	33	Apr. 12, 1909	First class.
Revis, J. H	Roodhouse	Greene	34	Nov. 25, 1901	Local.
Reynolds, James	Colchester	McDonough	44	Nov. 14, 1904	Local.
Reynolds, John	Streator	LaSalle	40	Sept. 26, 1899	Competency.
Reynolds, William	East Peoria	Tazewell	40	Dec. 14, 1891	Service.
Reynolds, William	..do	..do	42	Oct. 10, 1892	Competency.
Rheeling, Fred	Mineral	Bureau	30	Dec. 14, 1914	Second class.
Rhoades, Ben	Shelbyville	Shelby	24	*Sept. 12, 1899	Local.
Rhodes, Jeff	Pana	Christian	34	Dec. 18, 1893	Competency.
Ribley, R	Cuba	Fulton	42	July 25, 1899	Local.
Rich, John C	Carbondale	Jackson	39	Sept. 26, 1899	Local.
Richards, James	LaSalle	LaSalle	46	Jan. 14, 1907	First class.
Richards, John	Murphysboro	Jackson	48	Apr. 9, 1900	Competency.
Richards, Thomas	Ottawa	LaSalle	32	*Nov. 13, 1899	Local.
Richardson, Clinton	Virden	Macoupin	31	May 15, 1916	First class.
Richardson, John	Shelbyville	Shelby	66	*Sept. 12, 1899	Local.
Richardson, Joseph	Litchfield	Montgomery	49	Oct. 10, 1892	Competency.
Richardson, Robert	Carterville	Williamson	51	Dec. 6, 1898	Competency.
Richardson, Thomas	Streator	LaSalle	42	July 16, 1906	First class.
Richardson, Wm	Moro	Madison	68	*Sept. 12, 1899	Local.
Richey, C. H	Peoria	Peoria	59	Apr. 17, 1905	Local.
Ridley, O. L	Mt. Olive	Macoupin	29	Nov. 20, 1893	Competency.
Riegels, Adolph	Golden Eagle	Calhoun	41	*Oct. 21, 1902	Local.
Riley, Cyrus W	Mineral	Bureau	60	July 25, 1899	Local.
Riley, Elrof	Atkinson	Henry	38	*Sept. 12, 1899	Local.
Riley, J. R	Breeds	Fulton	31	Nov. 24, 1902	Local.
Riley, Michael	Braidwood	Will	33	Mar. 11, 1901	Local.
Ringer, Ben	Morris	Grundy	32	*Sept. 12, 1899	Local.
Rining, E. E	Arenzville	Cass	24	July 10, 1911	Second class.
Rink, Ernst H	Fosterville	Madison	24	July 16, 1906	Second class.
Riordan, John H	Pinckneyville	Perry	35	Nov. 13, 1905	Local.
Ritchie, Alexander	Trenton	Clinton	45	Jan. 18, 1892	Competency.
Ritchie, A	..do	..do	21	Nov. 20, 1893	Competency.
Ritchie, George	French Village	St. Clair	45	June 24, 1901	Local.
Ritchie, John B	Royalton	Franklin	33	Oct. 12, 1914	First class.
Ritchie, Thomas	Streator	LaSalle	46	Jan. 8, 1906	Competency.
Rittman, John J	Decatur	Macon	41	July 20, 1903	Competency.
Riviere, Paul	Orchard Mines	Peoria	30	Sept. 21, 1908	First class.
Robbins, J. W	Glasford	..do	80	*Sept. 12, 1899	Local.
Roberts, Ben D	Streator	LaSalle	37	Oct. 22, 1894	Competency.
Roberts, David	Mapleton	Peoria	29	Feb. 15, 1909	Second class.
Roberts, David	Orchard Mines	..do	55	*Sept. 12, 1899	Local.
Roberts, Evan D	Streator	LaSalle	43	*Feb. 24, 1900	Local.
Roberts, Evan F	Danville	Vermilion	35	July 31, 1905	Competency.
Roberts, George	Coal Valley	Rock Island	38	Oct. 11, 1915	Second class.
Roberts, Henry F	Modena	Stark	24	Apr. 14, 1902	Local.
Roberts, Hiram	Collinsville	Madison	32	Feb. 12, 1900	Competency.
Roberts, John D	Streator	LaSalle	42	Oct. 21, 1895	Competency.
Roberts, Thomas D	..do	..do	52	May 21, 1900	Competency.
Robinson, Benj	Wyoming	Stark	45	*May 10, 1900	Local.
Robinson, C. D	Stonefort	Williamson	43	June 27, 1910	Second class.
Robinson, Henry	Gardner	Grundy	26	Oct. 18, 1893	Competency.
Robinson, John W	Wyoming	Stark	39	*Sept. 12, 1899	Local.
Robinson, J. M	Elmira	..do	52	July 25, 1899	Local.
Robinson, L. E	Kingston Mines	Peoria	31	Mar. 11, 1901	Competency.
Robinson, Robt	Wyoming	Stark	37	*Sept. 12, 1899	Local.
Robinson, Robt	Cantrall	Sangamon	41	Sept. 8, 1913	First class.
Robinson, Walter	Mapleton	Peoria	40	July 31, 1905	Local.

Mine Managers—Continued.

Name.	Post office.	County.	Age.	Date of examination.	Kind of certificate.
Robinson, Wm.	Colchester	McDonough	65	July 25, 1899	Local.
Robinson, Wm. H.	Macomb	..do	41	Nov. 14, 1904	Local.
Rock, David	Westville	Vermilion	33	Nov. 11, 1912	First class.
Rockwell, Irwin	Ipava	Fulton	34	June 14, 1914	Second class.
Rodamsky, Wm.	Gilchrist	Mercer	28	July 16, 1906	Second class.
Rodden, John	Pana	Christian	37	Feb. 15, 1892	Competency.
Roddis, Charles	Ipava	Fulton	45	*Dec. 18, 1899	Local.
Roddis, William	..do	..do	31	*May 11, 1904	Local.
Roddy, James M.	Springfield	Sangamon	39	Oct. 12, 1914	First class.
Rodell, Frank O.	Watagа	Knox	32	Mar. 11, 1901	Local.
Rodenberg, Charles	Belleville	St. Clair	32	Feb. 15, 1892	Competency.
Rodenbush, Charles	Steelton	Vermilion	28	Dec. 2, 1907	First class.
Rodger, James	Troy	Madison	52	July 27, 1908	First class.
Roe, Samuel	Oglesby	LaSalle	32	Sept. 12, 1892	Competency.
Roe, Samuel	..do	..do	33	Dec. 18, 1893	Competency.
Roe, Thomas	..do	..do	34	Jan. 21, 1895	Competency.
Rogers, Charles	Duquoin	Perry	44	Sept. 22, 1902	Competency.
Rogers, David	Kickapoo	Peoria	58	*Sept. 12, 1899	Local.
Rogers, James	Norris	Fulton	49	Apr. 14, 1913	First class.
Rogers, Josiah	Braidwood	Will	31	Oct. 18, 1893	Competency.
Rogers, Llewellyn	..do	..do	35	Oct. 19, 1903	Competency.
Rohr, H. Joseph	Alexis	Warren	37	Aug. 6, 1900	Local.
Roland, Adolph	Grape Creek	Vermilion	49	June 13, 1904	Local.
Rolla, George	Mt. Olive	Macoupin	36	Feb. 15, 1892	Competency.
Rollo, James	Pana	Christian	28	Mar. 13, 1905	Competency.
Rollo, John	Gillespie	Macoupin	40	Nov. 9, 1891	Competency.
Rollo, Richard	Pana	Christian	34	June 16, 1913	First class.
Rollo, William	..do	..do	26	Oct. 10, 1892	Competency.
Romine, William	Roseville	Warren	31	Jan. 16, 1905	Local.
Romine, Wilson	Youngstown	..do	33	Jan. 16, 1905	Local.
Ronk, G. H.	Canton	Fulton	51	Sept. 9, 1901	Local.
Rook, John	Brimfield	Peoria	37	Dec. 5, 1899	Local.
Rookin, Thomas	Edwards	..do	53	Oct. 10, 1892	Competency.
Roosa, V. L.	Pleasant View	Schuyler	46	Sept. 22, 1902	Local.
Rosan, J. P.	Duquoin	Perry	34	Apr. 11, 1910	First class.
Rosbottom, Frank	Kingston Mines	Peoria	28	Aug. 6, 1900	Competency.
Rosbottom, James	..do	..do	28	Mar. 11, 1901	Competency.
Rosbottom, John T.	..do	..do	25	Oct. 22, 1894	Competency.
Rose, James	Equality	Gallatin	32	Sept. 26, 1899	Local.
Roseboom, W. F.	Canton	Fulton	29	Apr. 20, 1914	Second class.
Roseman, Charles	Carbon Cliff	Rock Island	36	Oct. 24, 1910	Second class.
Ross, David	Oglesby	LaSalle	31	Oct. 10, 1892	Competency.
Ross, John	Girard	Macoupin	39	Sept. 8, 1913	First class.
Ross, John H.	Gillespie	..do	29	July 27, 1908	First class.
Rothenberger, Paul	Springvalley	Bureau	30	Apr. 11, 1910	First class.
Rothwell, John T.	Peoria	Peoria	44	Oct. 11, 1915	First class.
Rotoski, John	Minonk	Woodford	39	Oct. 12, 1914	First class.
Row, Daniel P.	Table Grove	Fulton	43	Nov. 11, 1912	Second class.
Rowden, C. F.	Cuba	..do	34	Sept. 21, 1908	Second class.
Rowland, Charles	Belleville	St. Clair	52	Sept. 13, 1897	Service.
Rowland, Charles	..do	..do	53	Sept. 13, 1898	Competency.
Royse, Charles	Danville	Vermilion	33	Apr. 16, 1906	Second class.
Royse, Sylvester	..do	..do	56	Nov. 25, 1901	Local.
Royster, Moses L.	Peoria	Peoria	33	Dec. 14, 1891	Service.
Rozanski, Michael	Taylorville	Christian	31	Jan. 8, 1906	Competency.
Ruff, Wm. J.	Troy	Madison	32	June 16, 1913	First class.
Rundle, John C.	Colchester	McDonough	50	Oct. 22, 1894	Competency.
Rundle, William	Pekin	Tazewell	68	Oct. 15, 1900	Competency.
Runlund, Fred	Cedar Point	LaSalle	31	Sept. 8, 1913	First class.
Rury, John A.	Percy	Randolph	39	Apr. 20, 1914	Second class.
Rusche, Christian	East Peoria	Tazewell	42	Dec. 14, 1891	Service.
Russell, John R.	Vandercook	Vermilion	48	Jan. 20, 1902	Local.
Rutledge, J. J.	Staunton	Macoupin	24	Jan. 21, 1895	Competency.
Rutledge, Walton	Alton	Madison	56	Nov. 9, 1891	Competency.
Ryan, James	Springfield	Sangamon	47	Oct. 10, 1892	Competency.
Ryan, James	..do	..do	47	Feb. 15, 1892	Service.
Ryan, Phillip	Ashland	Cass	52	July 25, 1899	Local.
Ryan, Thomas	Springfield	Sangamon	29	Oct. 10, 1892	Competency.
Sackville, James	Coal Valley	Rock Island	37	July 25, 1899	Local.
St. Clair, James A.	Macomb	McDonough	33	*July 2, 1900	Local.
Sample, John	Laura	Peoria	47	Dec. 5, 1899	Local.
Sanders, Daniel T.	Peoria	..do	41	July 20, 1903	Local.
Sanders, John M.	Hanna City	..do	37	Mar. 11, 1901	Competency.
Sangrelet, Marshall	Mt. Olive	Macoupin	34	Jan. 18, 1892	Competency.
Sansom, Henry S	Streator	LaSalle	52	Feb. 20, 1896	Competency.

Mine Managers—Continued.

Name.	Post office.	County.	Age.	Date of examination.	Kind of certificate.
Sausom, Henry S	Streator	LaSalle	47	Oct. 26, 1891	Service.
Sauer, Frederick	Belleville	St. Clair	46	Jan. 18, 1892	Competency.
Sauerbier, R. W	Hillsboro	Montgomery	25	Apr. 10, 1911	First class.
Saunders, W. G	Monica	Peoria	59	*Sept. 12, 1899	Local.
Saupe, John J	Peoria	..do	72	*Sept. 12, 1899	Local.
Saville, Chas. A	Canton	Fulton	37	*June 26, 1900	Local.
Saville, Jesse	Modena	Stark	58	*Sept. 12, 1899	Local.
Saville, L. M	Wyoming	..do	29	Oct. 24, 1910	Second class.
Saville, Wm	Streator	LaSalle	54	Oct. 12, 1914	First class.
Sawrs, Cornelius	Peoria	Peoria	33	Apr. 17, 1905	Competency.
Scaife, Wm	Coal City	Grundy	38	*Dec. 30, 1891	Competency.
Scanlan, M. C	Canton	Fulton	48	July 25, 1899	Local.
Scanlon, Pat	Beckemeyer	Clinton	32	Jan. 10, 1916	First class.
Scarratt, William	Streator	LaSalle	30	Apr. 20, 1914	First class.
Scattergood, James E	Dawson	Sangamon	26	June 16, 1913	First class.
Scattergood, James	..do	..do	50	June 16, 1913	First class.
Schaffer, Michael	Ava	Jackson	42	*Dec. 14, 1904	Local.
Schaffer, William	Danville	Vermilion	38	*Sept. 12, 1899	Local.
Schaer, Pierre P	Farmington	Fulton	32	Nov. 11, 1912	Second class.
Scheffler, Julius	Pekin	Tazewell	41	Oct. 11, 1915	First class.
Scheidel, John	Bartonville	Peoria	42	Apr. 27, 1903	Competency.
Scheiler, H. W	Lincoln	Logan	27	Nov. 20, 1911	First class.
Schellschmidt, Ernest	East Peoria	Tazewell	30	June 24, 1901	Competency.
Scher, Frank	Catlin	Vermilion	55	July 12, 1909	econd class.
Schettler, Bruno	Springfield	Sangamon	28	Jan. 8, 1906	Competency.
Schilling, Domine	Belleville	St. Clair	33	Jan. 14, 1907	Second class.
Schimff, J. B	Vergennes	Jackson	27	Aug. 12, 1907	Second class.
Schmidgall, Jno. L	Murphysboro	..do	33	*June 24, 1903	Local.
Schmidt, August	Millstadt	St. Clair	29	Feb. 12, 1900	Local.
Schmidt, Geo	..do	..do	34	Apr. 27, 1903	Local.
Schmidt, John J	East Peoria	Tazewell	36	Dec. 2, 1907	Second class.
Schmidt, Louis	Peoria	Peoria	41	Apr. 27, 1908	Second class.
Schmithausen, Theodore	Mt. Olive	Macoupin	37	June 24, 1907	First class.
Schneider, F. W	Sesser	Franklin	35	June 15, 1915	First class.
Schneider, Joseph G	Pinckneyville	Perry	31	Nov. 13, 1905	Local.
Schoonover, Fred	Madison	Madison	38	June 15, 1915	First class.
Schotte, William	Kickapoo	Peoria	39	Dec. 5, 1899	Local.
Schrader, Joseph H	Eldorado	Saline	43	Mar. 25, 1907	First class.
Schramm, Richard	Belleville	St. Clair	30	Oct. 10, 1892	Competency.
Schreier, Gustave	Divernon	Sangamon	38	Apr. 17, 1905	Competency.
Schroeder, Fred C	Coal Valley	Rock Island	30	*May 11, 1904	Local.
Schroeder, Louis	Cuba	Fulton	30	Dec. 19, 1910	First class.
Schroyer, Edward	Dunfermline	..do	28	Jan. 8, 1906	Competency.
Schuette, H. F	Mt. Olive	Macoupin	36	June 24, 1907	First class.
Schull, B. H	Johnston City	Williamson	25	Feb. 9, 1914	First class.
Schultz, Fred	Braceville	Grundy	55	*Sept. 12, 1899	Local.
Schuster, John E	East Peoria	Tazewell	22	Oct. 15, 1906	Second class.
Scoby, Ray	Matherville	Mercer	43	Apr. 14, 1913	First class.
Scott, C. W., Sr	Pocahontas	Bond	51	July 16, 1906	First class.
Scott, Frank	Danville	Vermilion	25	*Aug. 18, 1903	Local.
Scott, George	Marissa	St. Clair	38	Mar. 13, 1905	Competency.
Scott, Gilbert	Marion	Williamson	28	Nov. 11, 1912	Second class.
Scott, James	Wyoming	Stark	27	*June 30, 1905	Local.
Scott, John	Modena	..do	62	Sept. 26, 1899	Local.
Scott, Walter	Harrisburg	Saline	24	Jan. 6, 1913	First class.
Sculley, Wm. T	Glen Carbon	Madison	26	Nov. 18, 1895	Competency.
Scurrah, Castling R	Braceville	Grundy	29	Sept. 12, 1892	Competency
Sebastian, Chas. W	Lenzburg	St. Clair	30	Nov. 14, 1904	Competency.
Sebek, John	Braidwood	Will	36	*Dec. 5, 1905	Local.
Secor, Frederich D	Odin	Marion	45	Jan. 18, 1892	Competency.
Sedall, James	Streator	LaSalle	21	Oct. 22, 1894	Competency.
Seddon, Thomas	Paisley	Montgomery	38	July 20, 1903	Competency.
Seffer, Henry	Peoria	Peoria	30	Dec. 14, 1903	Local.
Selbrick, J	Monmouth	Warren	33	July 25, 1899	Local.
Seletto, Mike	Witt	Montgomery	29	Oct. 11, 1915	First class.
Sellars, George	Winchester	Scott	55	Apr. 17, 1905	Local.
Sellars, John	..do	..do	28	July 12, 1909	Second class.
Selotto, James	Witt	Montgomery	31	Feb. 8, 1915	First class.
Senger, John	Springfield	Sangamon	45	May 15, 1916	First class.
Senioe, George	St. John	Perry	47	Nov. 18, 1895	Competency.
Sergeant, J. R	Harrisburg	Saline	33	Oct. 24, 1910	First class.
Sergent, Frank	Belleville	St. Clair	44	June 24, 1901	Local.
Severit, Albert	..do	..do	31	Dec. 2, 1907	First class.
Shaffer, Solomon	Summun	Fulton	39	July 25, 1899	Local.
Shanahan, George W	Gillespie	Macoupin	33	July 10, 1911	First class.
Shanahan, John	..do	..do	45	July 20, 1903	Competency.

MINE MANAGERS—Continued.

Name.	Post office.	County.	Age.	Date of examination.	Kind of certificate.
Shanahan, John C	Gillespie	Macoupin	52	Apr. 10, 1911	First class.
Shanahan, P. H	..do	..do	37	Feb. 15, 1909	First class.
Sharp, Harry	Victoria	Knox	29	Oct. 24, 1910	Second class.
Sharp, Montgomery	Coal City	Grundy	47	Feb. 20, 1896	Competency.
Sharp, Montgomery	..do	..do	42	Oct. 26, 1891	Service.
Shaw, David	Springfield	Sangamon	29	Sept. 8, 1913	First class.
Shaw, James	Virden	Macoupin	39	Dec. 14, 1914	First class.
Shaw, James	Peoria	Peoria	56	Nov. 25, 1901	Competency.
Shaw, Nathan	..do	..do	32	Oct. 10, 1892	Service.
Shaw, Thomas	Canton	Fulton	59	June 16, 1913	First class.
Shea, James	Collinsville	Madison	29	Apr. 20, 1914	First class.
Shea, John G	Danville	Vermilion	58	*Sept. 12, 1899	Local.
Sheerin, Peter	Auburn	Sangamon	30	Nov. 13, 1905	Competency.
Sheets, W. A	London Mills	Fulton	38	June 27, 1910	Second class.
Shelton, W. J	Cottage Grove	Saline	26	Nov. 25, 1901	Local.
Shepherd, Wm. A	Catlin	Vermilion	42	Oct. 19, 1903	Local.
Sherbine, Abe	Macomb	McDonough	35	Nov. 14, 1904	Local.
Sherman, Chas. F	Farmington	Fulton	27	Apr. 14, 1913	First class.
Sherrett, James	East Peoria	Tazewell	35	Apr. 9, 1900	Local.
Shields, Frank D	Pana	Christian	29	Feb. 15, 1892	Competency.
Schmidt, Frank P	Peoria	Peoria	29	Oct. 10, 1892	Service.
Sholeen, A. A	Galva	Henry	29	May 16, 1896	Competency.
Sholl, Joseph	Bartonville	Peoria	55	Oct. 21, 1895	Competency.
Sholl, Jos	..do	..do	52	Dec. 14, 1891	Service.
Shore, Wm	Chandlerville	Cass	24	Sept. 23, 1901	Local.
Short, Thomas	Pekin	Tazewell	42	July 12, 1909	First class.
Showler, Robt	Harrisburg	Saline	34	Apr. 5, 1915	First class.
Sheffler, R. D	Pekin	Tazewell	41	*Sept. 12, 1899	Local.
Shuler, Chas	Gilchrist	Mercer	38	Jan. 21, 1895	Competency.
Sidall, John S	Belleville	St. Clair	32	Jan. 21, 1895	Competency.
Siddell, J. W	Springfield	Sangamon	28	Mar. 13, 1905	Competency.
Siddle, John	Edwardsville	Madison	58	June 6, 1899	Competency.
Sievers, Martin	Coal Valley	Rock Island	38	Nov. 1, 1909	Second class.
Silvis, S	Carbon Cliff	..do	34	July 25, 1899	Local.
Simcox, Charles	Alexis	Warren	32	Dec. 14, 1914	Second class.
Simmons, Alfred B	Roodhouse	Greene	47	*Jan. 27, 1900	Local.
Simmons, Charles	Canton	Fulton	33	Feb. 15, 1909	First class.
Simmons, Thomas	..do	..do	39	Dec. 14, 1891	Competency.
Simms, Robert	Fairview	..do	30	Oct. 12, 1914	Second class.
Simons, Wm. H	Monica	Peoria	43	Apr. 14, 1902	Local.
Simpkins, Samuel	Streator	LaSalle	45	Oct. 10, 1892	Competency.
Simpson, Charles	Wataga	Knox	56	*Sept. 12, 1899	Local.
Simpson, David	Springfield	Sangamon	59	Dec. 5, 1899	Competency.
Simpson, David	Springvalley	Bureau	42	Jan. 21, 1895	Competency.
Simpson, George A	Springfield	Sangamon	28	Feb. 15, 1892	Competency.
Simpson, George C	..do	..do	29	*Dec. 30, 1891	Competency.
Simpson, Gust A	Oneida	Knox	28	Apr. 16, 1906	Second class.
Simpson, Henry T	Marion	Williamson	28	Nov. 20, 1911	Second class.
Simpson, Isaac	Glen Carbon	Madison	42	Nov. 18, 1895	Competency.
Simpson, James I	Springfield	Sangamon	42	June 16, 1913	First class.
Simpson, John	Lovingston	Moultrie	25	Apr. 16, 1912	First class.
Simpson, Joseph	Youngstown	Warren	58	July 25, 1899	Local.
Simpson, Newton M	Ray	Schuyler	40	Dec. 5, 1899	Local.
Simpson, R. D	Farmersville	Montgomery	54	Apr. 16, 1912	First class.
Simpson, Thomas	O'Fallon	St. Clair	27	Aug. 26, 1896	Competency.
Simpson, Thomas	Collinsville	Madison	46	Nov. 18, 1895	Competency.
Simpson, Wm. J	..do	..do	34	Nov. 18, 1895	Competency.
Sincox, John	Alexis	Warren	68	July 25, 1899	Local.
Sine, Chas. A	Johnston City	Williamson	24	Nov. 14, 1904	Competency.
Singler, Edward	..do	..do	36	Jan. 8, 1906	Competency.
Sisk, A. J	Equality	Gallatin	32	Jan. 21, 1895	Competency.
Sitting, H. P	Stonefort	Saline	53	Sept. 26, 1899	Local.
Skelton, Alexander	Springfield	Sangamon	28	Nov. 11, 1912	First class.
Skelton, A. H	Coal City	Grundy	34	Aug. 6, 1900	Competency.
Skinner, Alexander	Diamond	..do	28	Oct. 26, 1891	Competency.
Skinner, David	..do	..do	22	Oct. 18, 1893	Competency.
Skinner, John	..do	..do	24	Oct. 18, 1893	Competency.
Skinner, John	Astoria	Fulton	51	Jan. 21, 1895	Competency.
Sliment, James	Centerville	St. Clair	65	*Sept. 12, 1899	Local.
Sloan, Edward C	Wesley City	Peoria	27	Oct. 10, 1892	Competency.
Sloan, Miles B	Etherly	Knox	37	*Sept. 13, 1904	Local.
Small, James	Middlegrove	Fulton	42	Dec. 14, 1891	Competency.
Smethurst, Nathan	Springvalley	Bureau	37	May 16, 1896	Competency.
Smith, Alexander M	Sandoval	Marion	36	May 16, 1896	Competency.
Smith, Arthur	Vermont	Fulton	33	Oct. 15, 1906	Second class.
Smith, A. J	Saline Mines	Gallatin	36	June 16, 1902	Local.

MINE MANAGERS—Continued.

Name.	Post office.	County.	Age.	Date of examination.	Kind of certificate.
Smith, A. J.	Springfield	Sangamon	25	July 16, 1906	First class.
Smith, Bart	Assumption	Christian	37	Oct. 12, 1914	First class.
Smith, B. F.	Maryville	Madison	39	Jan. 6, 1913	First class.
Smith, B. F.	Modena	Stark	39	*Sept. 12, 1899	Local.
Smith, Charles	Sparland	Marshall	41	*Dec. 12, 1899	Local.
Smith, David P.	Dawson	Sangamon	44	Feb. 15, 1892	Service.
Smith, David P.	..do	..do	45	Dec. 18, 1893	Competency.
Smith, Edward	Herrin	Williamson	35	June 16, 1913	First class.
Smith, Felix	Birkner	St. Clair	41	Oct. 10, 1892	Competency.
Smith, Felix	..do	..do	40	Jan. 18, 1892	Service.
Smith, Geo. A.	Sandoval	Marion	29	Oct. 10, 1892	Competency.
Smith, Geo. T.	Springfield	Sangamon	46	Feb. 8, 1915	First class.
Smith, Geo. W.	Colchester	McDonough	46	July 25, 1899	Local.
Smith, Henry W.	Springfield	Sangamon	46	May 21, 1900	Competency.
Smith, Ira L.	Colchester	McDonough	30	Apr. 11, 1910	Second class.
Smith, James	LaSalle	LaSalle	31	Feb. 12, 1900	Competency.
Smith, James	Princeton	Bureau	36	July 25, 1899	Local.
Smith, James	East Peoria	Tazewell	55	Dec. 10, 1900	Competency.
Smith, James J.	Riverton	Sangamon	44	Mar. 13, 1905	Competency.
Smith, James L.	..do	..do	33	Oct. 10, 1892	Competency.
Smith, Jas. L.	Mt. Olive	Macoupin	30	Nov. 18, 1895	Competency.
Smith, James P.	Collinsville	Madison	39	Aug. 26, 1896	Competency.
Smith, John	Atkinson	Henry	35	Jan. 12, 1903	Local.
Smith, John	Danville	Vermilion	28	Nov. 14, 1904	Local.
Smith, John	Frederick	Schuyler	46	Nov. 24, 1902	Local.
Smith, John	Johnston City	Williamson	30	Feb. 9, 1914	First class.
Smith, John B.	Equality	Gallatin	42	Nov. 20, 1911	First class.
Smith, John H.	Glasford	Fulton	31	Nov. 20, 1911	Second class.
Smith, John P.	Glen Carbon	Madison	34	Mar. 13, 1905	Competency.
Smith, Joseph	Virden	Macoupin	36	June 16, 1913	First class.
Smith, Joseph	Bloomington	McLean	45	Oct. 18, 1893	Competency.
Smith, Leonard	Atkinson	Henry	25	*June 24, 1903	Local.
Smith, Martin	Marietta	Fulton	39	Jan. 10, 1916	Second class.
Smith, Samuel	Bush	Williamson	36	Feb. 9, 1914	First class.
Smith, Samuel S.	Canton	Fulton	24	Mar. 25, 1907	Second class.
Smith, Thos.	Belleville	St. Clair	54	Aug. 6, 1900	Competency.
Smith, Thos.	Ottawa	LaSalle	48	*Sept. 12, 1899	Local.
Smith, Tom B.	Streator	..do	58	Sept. 22, 1902	Local.
Smith, T. J.	Pana	Christian	39	Dec. 18, 1893	Competency.
Smith, Wm.	Athens	Menard	36	Dec. 18, 1893	Competency.
Smith, William	Herrin	Williamson	27	Jan. 15, 1912	First class.
Smith, Wm. G.	Riverton	Sangamon	40	Feb. 15, 1892	Competency.
Smith, Wm. H.	Hillsboro	Montgomery	41	Apr. 27, 1903	Competency.
Smith, William T.	Springfield	Sangamon	27	Oct. 11, 1915	First class.
Smith, W. J.	Girard	Macoupin	44	May 16, 1896	Competency.
Snedden, Alex.	Hollis	Peoria	44	Apr. 12, 1909	First class.
Snedden, George	Springfield	Sangamon	40	July 22, 1912	First class.
Sneddon, Alex.	Peoria	Peoria	40	Aug. 6, 1900	Competency.
Sneddon, Richard	Virden	Macoupin	45	Oct. 10, 1892	Competency.
Snydam, John	Victoria	Knox	32	July 31, 1905	Local.
Soenberger, John B.	..do	..do	29	Aug. 15, 1904	Local.
Sollenberger, Harry C.	Dunfermline	Fulton	45	Oct. 10, 1892	Competency.
Solomon, E. C.	Auburn	Sangamon	27	Jan. 15, 1912	First class.
Solomon, Harry A.	Springfield	..do	38	Mar. 7, 1916	First class.
Solomon, John	..do	..do	52	Oct. 15, 1900	Competency.
Solomon, Peter H.	..do	..do	32	Jan. 12, 1903	Competency.
Solomon, Robt. C.	..do	..do	33	Oct. 11, 1915	First class.
Solomon, Robt.	..do	..do	43	Feb. 15, 1892	Service.
Somerville, David[2]	Coal City	Grundy	25	Nov. 13, 1905	Competency.
Soper, Andrew	Cutler	Perry	54	Dec. 14, 1914	Second class
South, D. G.	Ellisville	Fulton	47	June 16, 1913	Second class.
Southworth, Andrew P.	Belleville	St. Clair	32	June 13, 1904	Competency.
Sowerby, Joseph	Streator	LaSalle	42	Mar. 11, 1901	Local.
Spangler, Charles	Danville	Vermilion	33	Nov. 24, 1902	Local.
Spangler, H	..do	..do	53	*Sept. 16, 1905	Local.
Sparks, Edgar	Crab Orchard	Williamson	34	Sept. 26, 1899	Local.
Sparks, W. D.	Astoria	Fulton	40	Feb. 12, 1900	Local.
Spaulding, J. H.	Worden	Madison	45	June 27, 1910	Second class.
Spaven, James	Gillespie	Macoupin	52	Feb. 15, 1909	First class.
Speegle, W. H.	Eldorado	Saline	34	June 16, 1913	First class.
Spencer, Charles	Victoria	Knox	28	*Sept. 12, 1899	Local.
Spencer, George	Duquoin	Perry	54	Nov. 16, 1891	Service.
Spenny, William	Canton	Fulton	46	Nov. 20, 1911	First class.
Spiller, Geo. H.	Murphysboro	Jackson	25	Jan. 8, 1906	Competency.
Spiller, Henry	Herrin	Williamson	29	Sept. 26, 1899	Local.
Spires, Alfred	Braceville	Grundy	47	Apr. 13, 1897	Competency.

MINE MANAGERS—Continued.

Name.	Post office.	County.	Age.	Date of examination.	Kind of certificate.
Spitzner, Jacob	Equality	Gallatin	47	*Sept. 16, 1905	Local.
Sponsler, Elmer	Carbondale	Jackson	41	Feb. 22, 1904	Local.
Sprague, A. J.	St. David	Fulton	32	Mar. 13, 1905	Competency.
Springer, Albert R.	Glen Carbon	Madison	29	Sept. 12, 1895	Competency.
Springman, Edw	Brighton	Macoupin	35	*Sept. 12, 1899	Local.
Springs, B. H.	Pinckneyville	Perry	46	June 24, 1907	Second class.
Stader, W. H.	Equality	Gallatin	40	July 25, 1899	Local.
Staehle, Aug	Belleville	St. Clair	27	Jan. 21, 1895	Competency.
Stahlberg, Charles	Eldorado	Saline	44	Apr. 27, 1908	First class.
Standard, H. O.	Canton	Fulton	31	Apr. 14, 1913	Second class.
Stanley, Ed	Maple Mills	..do	54	July 22, 1912	Second class.
Stanton, Wm. E	Colchester	McDonough	53	May 16, 1896	Competency.
Stanton, Wm. E	..do	..do	49	Dec. 14, 1891	Service.
Stanway, George	Blair		63	Nov. 16, 1891	Service.
Stark, Andrew	Galva	Henry	34	Dec. 14, 1891	Service.
Starkey, Charles	Belleville	St. Clair	41	June 16, 1913	First class.
Starks, Wm	Westville	Vermilion	25	Oct. 15, 1906	First class.
Starrick, A. J.	Marion	Williamson	36	Jan. 8, 1906	Local.
Staton, Joseph	Pekin	Tazewell	43	Sept. 22, 1902	Local.
Stearns, James	Hallidayboro	Jackson	35	Nov. 25, 1901	Competency.
Steel, Alexander	Streator	LaSalle	24	May 16, 1896	Competency.
Steel, Daniel	Collinsville	Madison	60	Oct. 21, 1895	Competency.
Steel, James	Springvalley	Bureau	30	Oct. 21, 1895	Competency.
Steel, Neal	Centralia	Marion	44	Nov. 18, 1895	Competency.
Steiner, Ben F.	Sato	Jackson	25	June 24, 1901	Competency.
Steiner, Daniel F.	Atkinson	Henry	25	Jan. 8, 1906	Local.
Sterling, B. H.	New Athens	St. Clair	38	July 16, 1906	Second class.
Sterling, L. S.	..do	..do	44	June 16, 9 3	Second class.
Sternaman, William	Springfield	Sangamon	33	Jan. 17, 1910	Second class.
Stevens, Isaac	Cuba	Fulton	48	July 25, 1899	Local.
Stevens, John	..do	..do	52	July 25, 1899	Local.
Stevens, Walter	Virden	Macoupin	26	Apr. 17, 1905	Competency.
Steward, D. G.	Seatonville	Bureau	38	Jan. 21, 1895	Competency.
Steward, David G	..do	..do	36	Oct. 26, 1891	Service.
Stewart, John	Cherry	..do	44	Dec. 15, 1913	First class.
Stewart, Roy	Whiteash	Williamson	27	Nov. 11, 1912	First class.
Stewart, Wm	Colchester	McDonough	43	July 31, 1905	Local.
Stewart, W. B.	Gillespie	Macoupin	44	June 15, 1915	First class.
Stine, William	Danville	Vermilion	36	June 24, 1901	Local.
Stirrat, James	Peoria	Peoria	23	Dec. 14, 1891	Competency.
Stocker, Jacob F	Arenzville	Cass	39	Nov. 14, 1901	Local.
Stockett, Howard N.	Springfield	Sangamon	30	Feb. 15, 1892	Competency.
Stockett, Louis	Collinsville	Madison	32	Jan. 18, 1892	Competency.
Stockett, Thomas R.	St. Louis, Mo.		29	Jan. 18, 1892	Competency.
Stockman, William C.	Belleville	St. Clair	27	Apr. 27, 1908	First class.
Stockman, Wm. H.	Duquoin	Perry	34	Oct. 10, 1892	Competency.
Stockton, O. F.	Rushville	Schuyler	43	*Sept. 12, 1899	Local.
Stoehr, Edward	Carbon Cliff	Rock Island	32	*June 30, 1905	Local.
Stonberner, L. L.	Moweaqua	Shelby	44	Feb. 28, 1899	Competency.
Stone, Chas.	Colchester	McDonough	34	July 25, 1899	Local.
Stone, Isaac	..do	..do	60	July 25, 1899	Local.
Stone, Isaac E	Farmington	Fulton	38	Sept. 8, 1913	First class.
Stone, John B	Springvalley	Bureau	38	Oct. 26, 1891	Service.
Stone, J. J	Marissa	St. Clair	43	Nov. 20, 1911	Second class.
Stone, Thomas	Carbon Cliff	Rock Island	29	July 25, 1899	Local.
Stone, Wm	Colchester	McDonough	32	July 25, 1899	Local.
Stoneking, A. L.	Fandon	..do	31	Jan. 8, 1906	Local.
Stoneking, G. W	Birmingham	Schuyler	47	Nov. 30, 1908	Second class.
Stookey, Elijah	Colchester	McDonough	62	*June 30, 1905	Local.
Storey, Harry	Toulon	Stark	43	*Sept. 12, 1899	Local.
Storrie, Archibald	Seatonville	Bureau	35	Feb. 15, 1892	Competency.
Stott, Wm. A	Petersburg	Menard	49	Dec. 15, 1913	Second class.
Stout, M. J.	Fairview	Fulton	67	Oct. 15, 1906	Second class.
Straights, James	Springfield	Sangamon	29	Apr. 20, 1914	First class.
Straley, James H	Norris	Fulton	46	July 25, 1899	Local.
Straley, J. E.	Canton	..do	39	*Sept. 5, 1900	Local.
Straley, Peter C	..do	..do	42	Dec. 10, 1900	Competency.
Strand, Charles	Roseville	Warren	45	Jan. 20, 1902	Local.
Stratman, Henry	Springfield	Sangamon	64	Nov. 23, 1896	Competency.
Strauss, Herman	Royalton	Franklin	47	Oct. 12, 1914	First class.
Strebel, George	Edwardsville	Madison	40	Dec. 18, 1893	Competency.
Strebel, George	Barclay	Sangamon	38	Feb. 15, 1892	Service.
Strebel, John	Springfield	..do	31	June 14, 1914	First class.
Streeb, Henry	Staunton	Macoupin	34	June 16, 1913	First class.
Street, A. R.	Peoria	Peoria	32	July 27, 1908	Second class.
Stretch, Tobias	Shelbyville	Shelby	50	Aug. 15, 1910	Second class.

Mine Managers—Continued.

Name.	Post office.	County.	Age.	Date of examination.	Kind of certificate.
Stretch, Wm	Shelbyville	Shelby	32	*Sept. 12, 1899	Local.
Strewbinger, Conrad	French Village	St. Clair	60	*Sept. 12, 1899	Local.
Strickland, John	Coal City	Grundy	35	Nov. 18, 1895	Competency.
Stricklin, Thomas A	Marion	Williamson	46	Dec. 14, 1903	Local.
Stricklin, W. H	Harrisburg	Saline	39	Nov. 14, 1904	Competency.
Strode, J. F	Cuba	Fulton	37	Oct. 12, 1914	Second class.
Strom, Eric	Victoria	Knox	44	Dec. 19, 1910	Second class.
Strong, J. P	Shawneetown	Gallatin	27	July 25, 1899	Local.
Strong, Ralph	Pleasantview	Schuyler	31	*June 15, 1900	Local.
Strong, Wm	Junction	Gallatin	44	*Sept. 16, 1905	Local.
Strothman, Henry	Belleville	St. Clair	54	Dec. 18, 1893	Service.
Stroud, William	Marion	Williamson	30	Aug. 15, 1904	Local.
Stuart, Hugh	Diamond	Grundy	39	Oct. 26, 1891	Competency.
Stuebe, Chris. W	Danville	Vermilion	45	Jan. 14, 1907	First class.
Stufflebeam, Marion	St. David	Fulton	27	July 31, 1905	Local.
Stuhlratz, Michael	Kewanee	Henry	46	Mar. 1, 1898	Service.
Stuhlsats, Peter	..do	..do	29	Sept. 8, 1913	Second class.
Sugget, Wm	Breeds	Fulton	67	*Sept. 12, 1899	Local.
Sulski, Charles	Springvalley	Bureau	31	June 16, 1913	First class.
Summerson, John	Coal Valley	Rock Island	57	July 25, 1899	Local.
Summerson, Robt	..do	..do	44	July 25, 1899	Local.
Sutton, Thomas	Millstadt	St. Clair	.....	Nov. 18, 1895	Competency.
Sutton, Thomas	..do	..do	52	Jan. 18, 1892	Service.
Svinson, Alfred	Greenview	Menard	43	Apr. 27, 1908	First class.
Swafford, William	Duquoin	Perry	45	June 16, 1902	Local.
Swan, Charles	Danville	Vermilion	40	Nov. 18, 1895	Competency.
Swan, Charles	Oakwood	..do	37	Feb. 15, 1892	Service.
Swan, Charles W	Marion	Williamson	38	Nov. 14, 1904	Local.
Swansberg, John L	Danville	Vermilion	47	Feb. 15, 1892	Competency.
Swanson, Andrew	Colchester	McDonough	49	July 25, 1899	Local.
Swanson, Axel	Cable	Mercer	36	Nov. 25, 1901	Local.
Swanson, Otto	..do	..do	43	*Aug. 2, 1900	Local.
Swarthout, J. P	Peoria	Peoria	50	Jan. 21, 1895	Competency.
Sweeney, Charles P	Vermont	Fulton	43	Dec. 2, 1907	Second class.
Swenson, John	Danville	Vermilion	42	*Sept. 12, 1899	Local.
Swisher, James E	St. David	Fulton	48	Dec. 14, 1891	Service.
Swisher, John	Danville	Vermilion	35	Feb. 17, 1908	Second class.
Swisher, Tremont	..do	..do	46	Oct. 19, 1903	Local.
Switzer, James	Astoria	Fulton	41	Dec. 10, 1900	Local.
Swope, George	Ipava	..do	38	July 27, 1908	Second class.
Sydall, Peter	Alton	Madison	40	*Sept. 12, 1899	Local.
Syers, William	Equality	Gallatin	41	June 16, 1913	Second class.
Syson, Frank	Niantic	Macon	60	Dec. 5, 1899	Competency.
Taggart, Robert	Peoria	Peoria	29	Apr. 12, 1909	First class.
Tallman, John	Kangley	Fulton	46	Oct. 21, 1895	Competency.
Tallman, John	..do	..do	42	Oct. 26, 1891	Service.
Tanner, Anderson	Absher	Williamson	44	*Feb. 17, 1903	Local.
Tarpley, W. S	Marion	..do	56	Apr. 27, 1903	Local.
Tate, Addison L	Danville	Vermilion	30	Apr. 14, 1913	Second class.
Tattersall, George	Seneca	LaSalle	29	*Apr. 30, 1900	Local.
Tattersall, George	..do	..do	31	Jan. 20, 1902	Competency.
Taulbee, Edward	Hillsboro	Montgomery	30	July 31, 1905	Competency.
Taylor, Arthur J	Belleville	St. Clair	28	Nov. 11, 1912	First class.
Taylor, Charles	Exeter	Scott	40	Dec. 19, 1910	Second class.
Taylor, Charles	Edwards	Peoria	31	Oct. 18, 1893	Competency.
Taylor, Daniel	..do	..do	33	Dec. 14, 1891	Competency.
Taylor, Francis	Blandinsville	McDonough	54	July 25, 1899	Local.
Taylor, Henry	Belleville	St. Clair	34	Apr. 14, 1913	First class.
Taylor, Henry	..do	..do	30	Dec. 18, 1893	Competency.
Taylor, James	Edwards	Peoria	38	Nov. 9, 1891	Competency.
Taylor, James	Belleville	St. Clair	42	Apr. 14, 1902	Local.
Taylor, John S	Neponset	Stark	46	*Dec. 14, 1904	Local.
Taylor, Joseph	Springfield	Sangamon	35	Oct. 10, 1892	Competency.
Taylor, Robert	Princeville	Peoria	54	*Sept. 12, 1899	Local.
Taylor, Thomas	O'Fallon	St. Clair	55	*Nov. 14, 1898	Competency.
Taylor, Thomas	..do	..do	47	Jan. 18, 1892	Service.
Taylor, Thomas	Springfield	Sangamon	36	Oct. 21, 1895	Competency.
Taylor, Thomas	..do	..do	33	Feb. 15, 1892	Service.
Taylor, Samuel	Avon	Fulton	28	Sept. 21, 1908	Second class.
Teague, Albert	New Baden	Clinton	33	July 27, 1908	First class.
Teague, James	Winchester	Scott	32	Nov. 25, 1901	Local.
Teel, Aaron	Oneida	Knox	33	Apr. 27, 1908	Second class.
Teel, James C	Industry	McDonough	33	July 25, 1899	Local.
Telfer, Alexander W	Morris	Grundy	65	Oct. 26, 1891	Service.
Telfer, John K	..do	..do	35	*Sept. 12, 1899	Local.

MINE MANAGERS—Continued.

Name.	Post office.	County.	Age.	Date of examination.	Kind of certificate.
Telfer, John W.	Morris	Grundy	56	*Nov. 16, 1899	Local.
Templeton, James M.	Panama	Montgomery	29	Apr. 20, 1914	First class.
Templeton, William	Carterville	Williamson	31	Apr. 16, 1912	First class.
Tennery, Charles	Danville	Vermilion	41	Feb. 12, 1900	Competency.
Terrill, Henry	Colchester	McDonough	50	Nov. 30, 1908	First class.
Tesdal, Henry	Morris	Grundy	35	Dec. 10, 1900	Local.
Thain, James	Riverton	Sangamon	30	Dec. 10, 1900	Competency.
Thom, Alexander	Coal City	Grundy	42	Oct. 26, 1891	Service.
Thom, Alexander	do.	do.	47	Feb. 20, 1896	Competency.
Thom, Benjamin	Etherly	Knox	38	Apr. 16, 1906	Second class.
Thom, James	Carbon Hill	Grundy	45	Dec. 18, 1893	Competency.
Thomas, David B.	Murphysboro	Jackson	70	Feb. 12, 1900	Competency.
Thomas, George	Sheffield	Bureau	37	*Oct. 20, 1899	Local.
Thomas, H.	Westville	Vermilion	33	Mar. 1, 1898	First class.
Thomas, James	Danville	do.	43	*Sept. 12, 1899	Local.
Thomas, John G.	Springvalley	Bureau	29	Apr. 27, 1903	Competency.
Thomas, John R.	Marion	Williamson	33	Dec. 2, 1907	First class.
Thomas, J. J.	Benton	Franklin	46	June 24, 1907	First class.
Thomas, J. B.	Ladd	Bureau	44	Feb. 20, 1896	Competency.
Thomas, Lewis E.	Danville	Vermilion	24	*Oct. 3, 1905	Local.
Thomas, Reese	Sparland	Marshall	29	Oct. 10, 1892	Competency.
Thomas, Richard	Ridge Prairie	St. Clair	49	Jan. 18, 1892	Competency.
Thomas, Samuel	Catlin	Vermilion	35	Aug. 15, 1904	Local.
Thomas, Thomas J.	Collinsville	Madison	49	Jan. 21, 1895	Competency.
Thomas, William J.	Springvalley	Bureau	27	July 16, 1906	First class.
Thomas, Wm.	Streator	LaSalle	34	*Sept. 12, 1899	Local.
Thome, Martin	Bartonville	Peoria	45	Mar. 1, 1898	Competency.
Thome, Martin	do.	do.	39	Dec. 14, 1891	Service.
Thompkins, C. S.	Mineral	Bureau	36	*Sept. 3, 1900	Local.
Thompson, D. L.	Marion	Williamson	44	Jan. 16, 1905	Local.
Thompson, Henry[3]	Herrin	do.	27	Nov. 13, 1905	Competency.
Thompson, Jacob	Grape Creek	Vermilion	40	Sept. 22, 1902	Local.
Thompson, James F.	Ray	Schuyler	34	July 25, 1899	Local.
Thompson, Joe	Grape Creek	Vermilion	38	June 24, 1901	Local.
Thompson, John	DeSoto	Jackson	50	Nov. 18, 1895	Competency.
Thompson, John	do.	do.	48	Dec. 18, 1893	Service.
Thompson, John O.	Macomb	McDonough	36	June 24, 1901	Second class.
Thompson, Joseph	Etherly	Knox	41	July 25, 1899	Local.
Thompson, Joseph C.	Johnston City	Williamson	53	Apr. 14, 1913	First class.
Thompson, J. R.	Rushville	Schuyler	58	Apr. 11, 1910	Second class.
Thompson, Mark	Sherrard	Mercer	48	July 25, 1899	Competency.
Thompson, Robert C.	Murphysboro	Jackson	42	Nov. 16, 1891	Competency.
Thompson, William	Mt. Olive	Macoupin	38	Aug. 15, 1904	Competency.
Thorand, Joe	Trenton	Clinton	33	Jan. 21, 1895	Competency.
Thornton, James	Duquoin	Perry	47	Oct. 10, 1892	Competency.
Thornton, James	do.	do.	45	Nov. 16, 1891	Service.
Thrush, David	Farmington	Fulton	36	Apr. 27, 1903	Competency.
Thrush, William H.	Hanna City	Peoria	33	Apr. 27, 1908	First class.
Thurston, John H.	Wyoming	Stark	33	*Sept. 12, 1899	Local.
Tilley, Wm.	Duquoin	Perry	29	Oct. 19, 1903	Local.
Terrill, Thomas	Colchester	McDonough	58	Dec. 14, 1891	Service.
Tindall, Frank	Glasford	Peoria	33	Oct. 11, 1915	Second class.
Tingley, Perry J.	Vermont	Fulton	39	Oct. 15, 1906	Second class.
Todd, George B.	Catlin	Vermilion	39	Sept. 9, 1901	Local.
Todd, John	Victoria	Knox	38	Jan. 20, 1902	Local.
Todd, Nicholas	Kewanee	Henry	55	Nov. 1, 1909	Second class.
Todd, Ralph	do.	do.	52	Oct. 15, 1900	Local.
Tolle, E. B.	Kingston Mines	Peoria	39	June 7, 1898	Competency.
Tollner, Fred	Edwardsville	Madison	52	Mar. 25, 1907	First class.
Tompkins, Harvey	St. David	Fulton	38	*Nov. 8, 1899	Local.
Toney, A.	Grape Creek	Vermilion	39	*Sept. 12, 1899	Local.
Towal, James	Benton	Franklin	35	July 10, 1911	First class.
Towers, William	Eldorado	Saline	48	Nov. 11, 1912	First class.
Towner, L. H.	Bluff City	Schuyler	62	Apr. 9, 1900	Local.
Tracy, Edwin F.	Beardstown	Cass	27	Jan. 16, 1905	Local.
Travelstead, J. W.	Stonefort	Saline	33	Feb. 17, 1908	Second class.
Treasure, William	Essex	Kankakee	35	*Sept. 12, 1899	Local.
Tregoing, Walter	Murphysboro	Jackson	35	Nov. 16, 1891	Competency.
Triska, Jan	Edwardsville	Madison	49	Dec. 6, 1898	Competency.
Trout, James	Henderson	Knox	49	Jan. 15, 1912	Second class.
Tucker, Charles	Mineral	Bureau	27	July 25, 1899	Local.
Tucker, Edward	East Peoria	Tazewell	38	*Sept. 12, 1899	Local.
Tucker, P. F.	White Hall	Greene	43	*Sept. 12, 1899	Local.
Tulk, M. B.	Colchester	McDonough	40	July 25, 1899	Local.
Tully, P. F.	Brimfield	Peoria	57	*Sept. 12, 1899	Local.
Turner, George	Lewistown	Fulton	37	July 25, 1899	Local.

MINE MANAGERS—Continued.

Name.	Post office.	County.	Age.	Date of examination.	Kind of certificate.
Turner, John	Lewistown	Fulton	41	July 25, 1899	Local.
Turns, H. P	Equality	Gallatin	30	Apr. 10, 1911	First class.
Tweton, William	Edwardsville	Madison	35	June 24, 1901	Competency.
Twiney, Wm. A	Shelbyville	Shelby	32	Sept. 22, 1902	Local.
Twomley, Edwin	Coal Valley	Rock Island	54	Feb. 20, 1896	Competency.
Tygett, John	Carbondale	Jackson	34	Apr. 14, 1902	Local.
Tyla, Hy	Wataga	Knox	41	July 25, 1899	Local.
Tyler, Church	St. David	Fulton	35	July 25, 1899	Local.
Tyler, J. W	New Burnside	Johnson	36	*Feb. 17, 1903	Local.
Tyson, Tom	Marion	Williamson	38	Aug. 15, 1904	Local.
Uhrin, Andro	Streator	LaSalle	44	Dec. 14, 1914	Second class.
Ulrich, Casper	Tilden	Randolph	49	Aug. 6, 1900	Competency.
Underwood, J. H	Equality	Gallatin	31	Sept. 26, 1899	Local.
Unthank, Abraham	Petersburg	Menard	54	Mar. 25, 1907	Second class.
Urbain, F. J	Christopher	Franklin	46	June 24, 1907	First class.
Urbain, Gus	..do	..do	36	July 22, 1912	First class.
Urbain, Oliver M	Duquoin	Perry	24	Dec. 15, 1913	First class.
Urbane, Daniel	Sparland	Marshall	42	Nov. 11, 1912	Second class.
Vacca, Joseph	Collinsville	Madison	34	June 27, 1910	First class.
Valentine, Don	Astoria	Fulton	29	Jan. 6, 1913	Second class.
Vallow, Chas	Kinmundy	Marion	22	Jan. 21, 1895	Competency.
Vandebur, John	Springfield	Sangamon	41	Apr. 13, 1897	Competency.
Vandebur, John	..do	..do	36	Feb. 15, 1892	Service.
Vandeveer, Fred	Edinburg	Christian	30	Mar. 7, 1916	First class.
Vandeveer, Perry E	Taylorville	..do	38	Feb. 22, 1904	Competency.
Van Dyke, Wm	Canton	Fulton	29	Dec. 10, 1900	Local.
Vanhoose, William	Clifford	Williamson	43	Dec. 14, 1914	First class.
Van Norman, Norman	Peoria	Peoria	28	Sept. 21, 1908	Second class.
Van Norman, Samuel P	Mapleton	..do	45	Jan. 16, 1905	Local.
Van Winkle, G	Avon	Fulton	45	July 25, 1899	Local.
Varner, Wilson P	Marietta	..do	56	*Nov. 7, 1899	Local.
Vaughan, Elijah	Jubilee	Peoria	31	Dec. 5, 1899	Local.
Vaughan, William	..do	..do	58	*Sept. 12, 1899	Local.
Vaught, John H	Shawneetown	Gallatin	42	June 24, 1901	Local.
Vawter, Alla	Colchester	McDonough	41	Dec. 14, 1914	Second class.
Verderber, John	Lincoln	Logan	28	Oct. 24, 1910	First class.
Vezain, Geo	Ottawa	LaSalle	27	*Sept. 12, 1899	Local.
Vicary, George	Pottstown	Peoria	40	Aug. 15, 1904	Competency.
Vicary, John	Peoria	..do	29	Dec. 14, 1891	Service.
Vicary, William	Pottstown	..do	28	Aug. 15, 1904	Competency.
Vice, George	Canton	Fulton	55	Apr. 14, 1913	Second class.
Vice, Henry	Fairview	..do	39	Oct. 15, 1906	Second class.
Vickery, Henry	Pottstown	Peoria	68	*Sept. 12, 1899	Local.
Vittorel, Frank	Westville	Vermilion	35	Aug. 15, 1910	Second class.
Vlasak, Joseph	O'Fallon	St. Clair	37	Feb. 8, 1915	First class.
Vogler, Elmer E	Littleton	Schuyler	45	Mar. 7, 1916	Second class.
Vogt, Leon	Shawneetown	Gallatin	64	Sept. 26, 1899	Local.
Von Ach, Fred, Jr	Hampton	Rock Island	31	Sept. 21, 1908	Second class.
Vonach, Henry	Cuba	Fulton	29	July 12, 1909	First class.
Vonach, Henry	..do	..do	27	Feb. 17, 1908	Second class.
Vose, John	Springfield	Sangamon	37	*Mar. 1892	Competency.
Voyles, Chas. W	Roodhouse	Greene	28	June 15, 1915	Second class.
Voyzey, John T	Springfield	Sangamon	39	Apr. 12, 1909	First class.
Waddill, C. E	Tennessee	McDonough	43	Nov. 11, 1912	Second class.
Wade, Ralph L	Canton	Fulton	24	Apr. 14, 1913	Second class.
Wager, August	Kewanee	Henry	37	June 24, 1907	Second class.
Wager, Charles O	..do	..do	30	June 14, 1914	Second class.
Wages, Amos	Canton	Fulton	51	June 27, 1910	Second class.
Wages, E	..do	..do	41	July 25, 1899	Local.
Wagner, I	Mapleton	Peoria	34	Dec. 18, 1893	Competency.
Wagner, John W	Millstadt	St. Clair	40	*Feb. 14, 1905	Local.
Wagner, Louis M	Belleville	..do	38	Apr. 27, 1908	First class.
Wagner, Louis M	..do	..do	34	Mar. 13, 1905	Local.
Wagoner, Chas	Herrin	Williamson	32	Jan. 10, 1916	First class.
Wagoner, John	..do	..do	32	Apr. 20, 1914	First class.
Wagstaff, Charles	Murrayville	Morgan	37	Sept. 21, 1908	Second class.
Wagstaff, F	..do	..do	64	*Sept. 12, 1899	Local.
Wagstaff, Virden	..do	..do	42	July 12, 1909	Second class.
Wahlberg, Albert	Knoxville	Knox	30	Aug. 15, 1904	Local.
Wahlmann, George	Campbell Hill	Jackson	29	Apr. 20, 1914	Second class.
Walnie, James	Atkinson	Henry	42	July 25, 1899	Local.
Wainwright, Arthur	Sweet Water	Menard	40	Dec. 5, 1899	Local.
Waite, Walter	Cherry	Bureau	40	Apr. 11, 1910	First class.

Mine Managers—Continued.

Name.	Post office.	County.	Age.	Date of examination.	Kind of certificate.
Walck, Peter S	Farmington	Fulton	32	Aug. 15, 1904	Local.
Walker, James	Mapleton	Peoria	50	*Sept. 12, 1899	Local.
Walker, Jas	Murphysboro	Jackson	44	Jan. 14, 1907	First class.
Walker, John K	Chenoa	McLean	42	June 13, 1904	Competency.
Walker, Otis	White Hall	Greene	31	Sept. 21, 1908	Second class.
Walker, William	So. Wilmington	Grundy	38	Apr. 20, 1914	First class.
Walker, W. R	Glen Carbon	Madison	26	Nov. 11, 1912	First class.
Wall, David E	Divernon	Sangamon	26	July 16, 1906	First class.
Wall, T. J	Creal Springs	Williamson	55	Jan. 17, 1910	Second class.
Wallace, David	Carterville	..do	49	Dec. 6, 1898	Competency.
Wallace, John	Clifford	..do	36	Jan. 14, 1907	First class.
Walland, Ed. S	Bartonville	Peoria	38	May 16, 1896	Competency.
Walland, Edwin S	..do	..do	34	Oct. 10, 1892	Service.
Wallis, D. J	New Burnside	Johnson	55	Sept. 26, 1899	Local.
Walmsley, George	E. Peoria	Tazewell	25	Nov. 24, 1902	Competency.
Walness, Wm	Riverton	Sangamon	50	Jan. 21, 1895	Competency.
Walsh, John	Cuba	Fulton	42	Nov. 20, 1911	Second class.
Walsh, John	Milan	Rock Island	26	July 25, 1899	Local.
Walsh, John	Truro	Knox	32	July 25, 899	Local.
Walsh, Patrick	Springfield	Sangamon	33	Oct. 10, 1892	Competency.
Walsh, Peter P	Pleasant Plains	..do	37	Feb. 28, 1899	Competency.
Walters, Thomas W	Ladd	Bureau	38	Dec. 18, 1893	Competency.
Walters, Wm. H	Staunton	Macoupin	33	Feb. 15, 1892	Competency.
Walton, A. W	Princeton	Bureau	67	July 25, 1899	Local.
Wanlass, John	Springfield	Sangamon	35	Jan. 16, 1905	Competency.
Wanless, Isaac	Riverton	..do	24	Jan. 21, 1895	Competency.
Wanless, William	..do	..do	48	Feb. 15, 1892	Service.
Wanless, Wm. H	..do	..do	32	Dec. 5, 1899	Competency.
Wanting, T. J	Peoria	Peoria	29	Oct. 22, 1894	Competency.
Wantling, George	..do	..do	42	Apr. 11, 1910	Second class.
Wantling, Thomas	Pottstown	..do	51	Sept. 26, 1899	Competency.
Wantling, T. J	Peoria	..do	46	Apr. 10, 1911	First class.
Ward, John G	LaSalle	LaSalle	45	Apr. 20, 1914	First class.
Ward, J. D	Pulleys Mill	Williamson	34	Sept. 26, 1899	Local.
Ward, Wilson	Riverton	Sangamon	38	Feb. 22, 1904	Competency.
Wardle, John	Marion	Williamson	34	Jan. 8, 1906	Competency.
Warren, James M	Herrin	..do	40	Nov. 25, 1901	Competency.
Waters, Fred	Elmwood	Peoria	29	Jan. 16, 1905	Competency.
Watkins, Edward	Divernon	Sangamon	43	Feb. 8, 1915	First class.
Watkins, Joe	Chenoa	McLean	48	Jan. 14, 1907	Second class.
Watkins, W. J	Danville	Vermilion	49	*Sept. 12, 1899	Local.
Watkins, Wm. J	..do	..do	54	Apr. 27, 1903	Competency.
Watson, Geo. R	Wyoming	Stark	43	June 6, 1899	Competency.
Watson, James	Virden	Macoupin	46	Oct. 12, 1914	First class.
Watson, James R	Carterville	Williamson	27	Aug. 15, 1904	Local.
Watson, John A	..do	..do	26	Jan. 14, 1907	First class.
Watson, William	Wyoming	Stark	48	*Sept. 12, 1899	Local.
Watts, Alexander	Paris	Edgar	28	Oct. 19, 1903	Local.
Watts, Samuel	Kincaid	Christian	51	Dec. 14, 1914	First class.
Watts, Thomas J	Elmwood	Peoria	27	June 7, 1898	Competency.
Watts, William	..do	..do	44	Oct. 10, 1892	Competency.
Waugh, George, Sr	Peoria	..do	57	Dec. 14, 1891	Service.
Waugh, Robert	Equality	Gallatin	34	Aug. 12, 1907	First class.
Waugh, Robert	..do	..do	34	June 24, 1907	Second class.
Wayland, James W	Colchester	McDonough	32	July 25, 1899	Local.
Wearmouth, Thomas	Youngstown	Warren	57	July 5, 1899	Local.
Weaver, Prentis	Fairview	Fulton	51	Oct. 24, 1910	Second class.
Webb, James M	Westville	Vermilion	30	June 24, 1907	First class.
Weber, Charles	Millstadt	St. Clair	43	Feb. 9, 1914	Second class.
Weber, Henry	Murphysboro	Jackson	43	Oct. 15, 1900	Competency.
Webster, A. J	Danville	Vermilion	27	Dec. 14, 1903	Local.
Webster, Richard	Collinsville	Madison	50	Sept. 26, 1899	Competency.
Webster, T. J	Danville	Vermilion	35	July 16, 1906	Second class.
Webster, Wm	Colchester	McDonough	38	July 25, 1899	Local.
Weeks, Thomas	Hollowayville	Bureau	41	Oct. 26, 1891	Competency.
Weimann, Ernest	Peoria	Peoria	28	Sept. 9, 1901	Local.
Weimer, J. R	Cambridge	Henry	32	Jan. 20, 1902	Local.
Weise, J. E	Belleville	St. Clair	30	Sept. 8, 1913	First class.
Weisenborn, Frederick E	Mt. Olive	Macoupin	31	Jan. 18, 1892	Competency.
Weiss, N	Belleville	St. Clair	55	*Sept. 12, 1899	Local.
Welford, T. H	Absher	Williamson	.....	Sept. 26, 1899	Local.
Wellington, C. O	Duquoin	Perry	35	Dec. 14, 1914	First class.
Wellman, John N	Paris	Edgar	53	Jan. 8, 1906	Local.
Wells, E. W	Briarbluff	Henry	47	*Jan. 20, 1904	Local.
Welsh, James	Hillsboro	Montgomery	31	Apr. 14, 1913	First class.
Wenneborg, Otto	Springfield	Sangamon	26	Sept. 13, 1897	Competency.

MINE MANAGERS—Continued.

Name.	Post office.	County.	Age.	Date of examination.	Kind of certificate.
West, John A	Pine Grove	Schuyler	29	*Feb. 20, 1900	Local.
West, John C	..do	..do	50	*Feb. 20, 1910	Local.
Westerby, James	Farmington	Fulton	27	Apr. 11, 1910	Second class.
Westerby, James	..do	..do	28	Oct. 24, 1910	First class.
Westerby, Geo	..do	..do	50	Oct. 15, 1906	Second class.
Westerfield, F. E	Galesburg	Knox	38	Nov. 20, 1911	Second class.
Westerfield, Peter	Canton	Fulton	55	Jan. 6, 1913	Second class.
Westerlund, John	Streator	LaSalle	38	*Sept. 12, 1899	Local.
Westwater, David	Pekin	Tazewell	43	Sept. 12, 1892	Competency.
Westwood, Albert	Belleville	St. Clair	24	Feb. 15, 1892	Competency.
Westwood, John	Streator	LaSalle	39	Oct. 26 1891	Competency.
Westwood, Thomas	Belleville	St. Clair	51	Nov. 20, 1893	Competency.
Westwood, Thomas	..do	..do	49	Jan. 18, 1892	Service.
Westwood, Thos. E	Marissa	..do	33	Apr. 16, 1906	First class.
Whalen, M., Jr	Colchester	McDonough	28	July 25, 1899	Local.
Wheatcraft, James	Elmwood	Peoria	40	Oct. 10, 1892	Competency.
Wheelhouse, Ora	Rushville	Schuyler	29	Sept. 8, 1913	Second class.
Wheelhouse, Samuel D	..do	..do	47	Nov. 24, 1902	Local.
Whennen, Charles	Oglesby	LaSalle	22	*Sept. 12, 1892	Competency.
Whitaker, John	Collinsville	Madison	27	Aug. 26, 1896	Competency.
Whitaker, Wm. J	..do	..do	53	Oct. 22, 1894	Competency.
White, Charles	Wyoming	Stark	43	Dec. 10, 1900	Local.
White, Charles F	Danville	Vermilion	35	Nov. 24, 1902	Local.
White, Forest	Victoria	Knox	29	Oct. 12, 1914	Second class.
White, Fred	Canton	Fulton	24	Oct. 15, 1906	Second class.
White, Henry	Elmwood	Peoria	29	Dec. 10, 1900	Local.
White, James	Ottawa	LaSalle	35	Mar. 13, 1905	Competency.
White, John	Pana	Christian	33	Jan. 8, 1906	Competency.
White, John A	Virden	Macoupin	30	Apr. 20, 1914	First class.
White, John A	Frederick	Schuyler	29	Sept. 26, 1899	Local.
White, John R	Belleville	St. Clair	43	Oct. 15, 1900	Competency.
White, Louis	Springvalley	Bureau	27	Jan. 16, 1905	Competency.
White, Michael	Virden	Macoupin	39	Nov. 24, 1902	Competency.
White, M. C	Pawnee	Sangamon	34	July 25, 1899	Local.
White, Owen	Seatonville	Peoria	33	July 5, 1899	Competency.
White, Philip	Gillespie	Macoupin	32	July 22, 1912	First class.
White, Robert	Belleville	St. Clair	24	June 24, 1907	First class.
White, Wm. K	Herrin	Williamson	42	Apr. 16, 1912	First class.
White, W. J	Bartonville	Peoria	41	*Sept. 12, 1899	Local.
Whitehead, Edward	Farmington	Fulton	25	Mar. 13, 1905	Competency.
Whitehead, John	Maple Mills	..do	62	June 24, 1907	Second class.
Whitehead, Joseph	Farmington	..do	48	Apr. 13, 1897	Competency.
Whitehurst, M. V	Tallula	Menard	48	Mar. 25, 1907	Second class.
Whittacker, Aaron	Roodhouse	Greene	35	*Aug. 18, 1903	Local.
Wickweir, H. H	Oak Hill	Peoria	59	Aug. 12, 1907	Second class.
Wigham, Wm. G	Carterville	Williamson	27	July 31, 1905	Competency.
Wilcox, D. D	Gillespie	Macoupin	27	Apr. 20, 1914	First class.
Wild, James	Troy	Madison	51	Jan. 18, 1892	Service.
Wild, James	..do	..do	50	Nov. 20, 1893	Competency.
Wilderman, John	Eldorado	Saline	46	July 27, 1908	First class.
Wildes, James	Murphysboro	Jackson	45	Nov. 20, 1893	Competency.
Wiley, Jesse F	Yates City	Knox	40	Feb. 8, 1915	Second class.
Wiley, John A	Macomb	McDonough	46	Apr. 5, 1915	Second class.
Wiley, Robert	St. David	Fulton	36	Dec. 18, 1893	Competency.
Wilken, John B	Petersburg	Menard	38	*Mar. 18 1892	Service.
Wilkerson, J. F	Grape Creek	Vermilion	38	*Sept. 13, 1904	Local.
Wilkes, John	Christopher	Franklin	40	Jan. 10, 1916	First class.
Wilkins, Jefferson	Hedron	Gallatin	44	*Sept. 16, 1905	Local.
Wilkinson, Ernest	Mineral	Bureau	27	Feb. 9, 1914	Second class.
Wilkinson, John	Diamond	Grundy	33	Oct. 18, 1893	Competency.
Wilkinson, Frank	Westville	Vermilion	44	May 16, 1896	Competency.
Wilkinson, George R	Divernon	Sangamon	38	June 16, 1913	First class.
Wilkinson, Harry	Peoria	Peoria	33	June 15, 1915	First class.
Wilkinson, M. C	Danville	Vermilion	58	*Sept. 12, 1899	Local.
Wilcock, Wilson	Astoria	Fulton	53	July 25, 1899	Local.
Wilcoxen, Herbert	Lewistown	..do	32	Jan. 15, 1912	Second class.
Willey, Hiram	Danville	Vermilion	53	Nov. 14, 1904	Local.
Willey, Lincoln	Macomb	McDonough	43	Nov. 30, 1908	Second class.
Williams, Alfred	Boden	Mercer	28	Aug. 15, 1904	Local.
Williams, C. L	Briarbluff	Henry	47	July 12, 1909	Second class.
Williams, Daniel	Rapatee	Knox	53	Nov. 13, 1905	Local.
Williams, Dan	Canton	Fulton	45	Jan. 14, 1907	Second class.
Williams, Daniel J	Springfield	Sangamon	36	July 16, 1906	First class.
Williams, David	Tilden	Randolph	24	Dec. 2, 1907	First class.
Williams, David Y	Herrin	Williamson	55	June 13, 1904	Competency.
Williams, Garner	Johnston City	..do	29	Apr. 14, 1913	First class.

Mine Managers—Continued.

Name.	Post office.	County.	Age.	Date of examination.	Kind of certificate.
Williams, James	Murphysboro	Jackson	31	Dec. 18, 1893	Competency.
Williams, James F	Kewanee	Henry	27	*Oct. 21, 1902	Local.
Williams, Jeff	Farmington	Fulton	40	Oct. 22, 1894	Competency.
Williams, Jerome H	Tiskilwa	Bureau	43	*July 27, 1900	Local.
Williams, John	Riverton	Sangamon	31	Feb. 15, 1892	Competency.
Williams, John	Sato	Jackson	41	Nov. 16, 1891	Service.
Williams, John T	Coalville		59	Oct. 26, 1891	Service.
Williams, John W	Livingston	Madison	25	Oct. 15, 1906	First class.
Williams, Joseph	Preemption	Mercer	49	July 25, 1899	Local.
Williams, Joseph	Mode	Shelby	38	*Sept. 12, 1899	Local.
Williams, Joseph	Canton	Fulton	33	Apr. 5, 1915	Second class.
Williams, Len	Colchester	McDonough	43	Feb. 8, 1915	Second class.
Williams, Lewis	Belleville	St. Clair	32	Dec. 18, 1893	Competency.
Williams, Oren	Tiskilwa	Bureau	39	*Jan. 20, 1904	Local.
Williams, Robert H	Girard	Macoupin	34	Nov. 20, 1893	Competency.
Williams, Thomas	Harrisburg	Saline	36	July 22, 1912	First class.
Williams, Thomas	Kinmundy	Marion	42	Jan. 16, 1905	Competency.
Williams, Thomas J	Cardiff	Livingston	31	Jan. 16, 1905	Competency.
Williams, Walter	Duquoin	Perry	52	Nov. 18, 1895	Competency.
Williams, Walter	..do	..do	48	Nov. 16, 1891	Service.
Williams, William H	Edinburg	Christian	56	Dec. 14, 1903	Competency.
Williams, W. F	Pekin	Tazewell	44	July 27, 1908	First class.
Williams, W. J	Colchester	McDonough	38	July 25, 1899	Local.
Williams, W. P	Laoc	Mercer	38	July 25, 1899	Local.
Williams, W. W	Hornsby	Macoupin	45	Dec. 14, 1891	Competency.
Williamson, Andrew	North Alton	Madison	36	*Sept. 12, 1899	Local.
Williamson, Jacob	Springfield	Sangamon	36	July 16, 1906	First class.
Williamson, J. E	Nokomis	Montgomery	32	Apr. 20, 1914	First class.
Williamson, William	Staunton	Macoupin	54	Feb. 15, 1892	Competency.
Willis, Charles	Mapleton	Peoria	30	Nov. 14, 1904	Local.
Willock, Andrew J	Astoria	Fulton	63	Nov. 20, 1911	Second class.
Wills, Alex	Oraville	Jackson	27	Dec. 10, 1906	Local.
Wills, Samuel	Westville	Vermilion	30	Dec. 14, 1903	Competency.
Willson, Hiram E	Carbondale	Jackson	25	Apr. 27, 1903	Competency.
Willstead, Thomas	Rio	Knox	54	*Oct. 21, 1902	Local.
Wilms, Wm	Springfield	Sangamon	48	Oct. 10, 1892	Service.
Wilson, Alexander	Carbon Hill	Grundy	38	Oct. 15, 1900	Competency.
Wilson, Anthony	Danville	Vermilion	43	*Sept. 12, 1899	Local.
Wilson, Arthur	Carterville	Williamson	27	*May 11, 1904	Local.
Wilson, Arthur	Pittsburg	..do	31	Feb. 15, 1909	First class.
Wilson, A. E	Macomb	McDonough	33	July 25, 1899	Local.
Wilson, David	Lincoln	Logan	30	Jan. 16, 1905	Competency.
Wilson, David	Murphysboro	Jackson	43	Nov. 16, 1891	Competency.
Wilson, David	Springvalley	Bureau	36	June 6, 1899	Competency.
Wilson, George	Marion	Williamson	32	Nov. 14, 1904	Local.
Wilson, George	West Jersey	Stark	33	*Sept. 12, 1899	Local.
Wilson, G. A	Sparta	Randolph	46	June 14, 1914	Second class.
Wilson, Hiram	Carbondale	Jackson	39	Nov. 16, 1891	Competency.
Wilson, H. C	Pekin	Tazewell	35	Sept. 12, 1892	Competency.
Wilson, James	Colchester	McDonough	58	Dec. 14, 1911	Second class.
Wilson, James R	West Frankfort	Franklin	33	Dec. 15, 1913	First class.
Wilson, John	Coal City	Grundy	45	Apr. 9, 1900	Competency.
Wilson, John	Colchester	McDonough	45	July 25, 1899	Local.
Wilson, John B	Collinsville	Madison	39	Apr. 14, 1913	First class.
Wilson, John C	Herrin	Williamson	30	Mar. 7, 1916	First class.
Wilson, John J	Wesley City	Peoria	48	Oct. 10, 1892	Competency.
Wilson, Joseph	Swan Creek	Warren	55	July 25, 1899	Local.
Wilson, J. B	Sparta	Randolph	72	May 16, 1896	Competency.
Wilson, J. G	Cuba	Fulton	46	*Dec. 30, 1891	Competency.
Wilson, M. H	Duquoin	Perry	53	Jan. 16, 1905	Local.
Wilson, Robert	Roanoke	Woodford	26	Sept. 13, 1897	Competency.
Wilson, R. L	Catlin	Vermilion	46	July 10, 1911	Second class.
Wilson, Thomas	Norris	Fulton	47	Sept. 12, 1892	Competency.
Wilson, Thomas E	Blandinsville	McDonough	42	July 25, 1899	Local.
Wilson, William	Middlegrove	Fulton	41	Dec. 10, 1900	Competency.
Wilson, William	Sparta	Randolph	40	July 20, 1903	Competency.
Wilson, William	Cutler	Perry	29	May 15, 1916	Second class.
Wilson, W. R	Reed City		32	Oct. 18, 1893	Competency.
Windsor, Samuel	Canton	Fulton	36	Apr. 14, 1913	First class.
Winehouse, W	Danville	Vermilion	25	*Sept. 12, 1899	Local.
Wings, James	LaHarpe	Hancock	33	*May 11, 1904	Local.
Winneberg, William	Springfield	Sangamon	38	Feb. 22, 1904	Competency.
Winning, James	Carterville	Williamson	35	Nov. 18, 1895	Competency.
Winning, Robt	..do	..do	.....	Feb. 15, 1892	Competency

MINE MANAGERS—Concluded.

Name.	Post office.	County.	Age.	Date of examination.	Kind of certificate.
Winning, Robt	Sato	Jackson	32	*Sept. 12, 1899	Local.
Winterbottom, John	Murphysboro	..do	34	Nov. 16, 1891	Competency.
Winters, Sam P	Bartonville	Peoria	37	Nov. 23, 1896	Competency.
Wisley, H. C	Vergennes	Jackson	47	Dec. 5, 1899	Local.
Witt, John D	Paris	Edgar	58	Jan. 8, 1906	Local.
Wittman, David	New Baden	Clinton	36	June 6, 1899	Competency.
Wolf, Jacob	Danville	Vermilion	58	Jan. 16, 1905	Local.
Wolfe, John D	Lincoln	Logan	25	Jan. 17, 1910	First class.
Wolgemut, Frank	Canton	Fulton	37	Jan. 6, 1913	Second class.
Wolschlag, Stephen	Peoria	Peoria	39	May 16, 1896	Competency.
Wolschlag, Stephen	..do	..do	35	Oct. 10, 1892	Service.
Wonderlin, Henry	Danville	Vermilion	51	*Sept. 25, 1900	Local.
Wonders, Henry	Streator	LaSalle	47	*Sept. 12, 1899	Local.
Wood, Benjamin	Pinckneyville	Perry	49	*Sept. 12, 1899	Local.
Wood, Charles E	Danville	Vermilion	47	Oct. 24, 1910	Second class.
Wood, Henry	Troy	Madison	25	Nov. 13, 1905	Competency.
Wood, Henry	Streator	LaSalle	47	Aug. 6, 1900	Competency.
Wood, Samuel T	Saline Mines	Gallatin	32	Oct. 15, 1900	Local.
Wood, Thomas L	Pinckneyville	Perry	31	Apr. 16, 1912	First class.
Wood, William	Catlin	Vermilion	31	Apr. 20, 1914	Second class.
Woodard, Frederic	Fairmount	..do	48	*Oct. 3, 1905	Local.
Woodard, John	Oakwood	..do	48	*Sept. 12, 1899	Local.
Woodbridge, Theo. H	Marion	Williamson	52	Mar. 25, 1907	Second class.
Woodbury, John	Green River	Henry	41	Sept. 23, 1901	Local.
Woodcock, Edward	Dunfermline	Fulton	43	Oct. 15, 1906	Second class.
Woodcock, Wm. H	Etherly	Knox	29	*Nov. 27, 1899	Local.
Woods, Jas	St. David	Fulton	58	July 25, 1899	Local.
Woods, John	..do	..do	30	June 15, 1915	First class.
Woods, William	Morris	Grundy	36	Apr. 13, 1897	Competency.
Woods, William	..do	..do	31	*Jan. 29, 1892	Service.
Woodson, W. R	Springfield	Sangamon	35	Dec. 2, 1907	First class.
Woodward, W	Soperville	Knox	55	July 25, 1899	Local.
Worthington, Hillard	Duquoin	Perry	41	Apr. 27, 1903	Competency.
Worthington, H	Streator	LaSalle	47	*Sept. 12, 1899	Local.
Wren, T. K	Morris	Grundy	38	*Sept. 12, 1899	Local.
Wrestler, Nelson C	Havana	Mason	33	Apr. 20, 1914	Second class.
Wright, David	Edwardsville	Madison	41	Apr. 14, 1913	Second class.
Wright, Harmen	Danville	Vermilion	31	Apr. 27, 1903	Local.
Wright, John	Belleville	St. Clair	45	Jan. 21, 1895	Competency.
Wright, Joseph	Fairbury	Livingston	40	June 16, 1902	Local.
Wright, J. W	Kingston Mines	Peoria	29	June 7, 1898	Competency.
Wright, Thos. C	Belleville	St. Clair	25	Oct. 15, 1906	First class.
Wulf, Theodore	Bethalto	Madison	38	Sept. 21, 1908	Second class.
Wunderlick, John	Marissa	St. Clair	38	Jan. 16, 1905	Competency.
Wyatt, Burl	White Hall	Greene	36	Jan. 17, 1910	Second class.
Wynn, Wm. E	Coal Valley	Rock Island	34	Mar. 11, 1901	Local.
Wytcherley, Ed	Peoria	Peoria	46	Mar. 13, 1905	Local.
Yager, L. H	Bethalto	Madison	36	Apr. 16, 1912	Second class.
Yates, John	Edwards	Peoria	52	July 25, 1899	Competency.
Yates, J. R	Centralia	Marion	40	Jan. 14, 1907	First class.
Yelm, Earl	Toulon	Stark	28	Oct. 11, 1915	Second class.
Yerman, Timothy	Cuba	Fulton	51	July 25, 1899	Local.
Yocum, Floyd	Lewistown	..do	25	Feb. 13, 1911	Second class.
Young, Charles	Crainville	Williamson	35	Jan. 6, 1913	Second class.
Young, Hiram	Girard	Macoupin	23	Feb. 15, 1892	Competency.
Young, Hugh G	Braidwood	Will	29	Feb. 20, 1896	Competency.
Young, John A	Carterville	Williamson	60	Sept. 26, 1899	Local.
Young, S. J	Griffin	Mercer	27	*Sept. 12, 1899	Local.
Zah, John	Mt. Pulaski	Logan	43	Oct. 19, 1903	Local.
Zetter, Albert	Freeburg	St. Clair	34	Oct. 19, 1903	Local.
Zimmerman, John	Colchester	McDonough	32	July 25, 1899	Local.
Zink, Charles L	Belleville	St. Clair	34	Jan. 16, 1905	Competency.
Zink, G. W	Peoria	Peoria	26	Dec. 5, 1899	Local.
Zink, Peter A	Belleville	St. Clair	27	Sept. 26, 1899	Competency.
Zinn, Edward	Industry	McDonough	33	July 22, 1912	Second class.
Zoller, Robert H	Braidwood	Will	30	Oct. 10, 1892	Competency.

[1] Revoked Aug. 1, 1905.
[2] Revoked Jan. 8, 1906.
[3] Certificate revoked Jan. 8, 1906, restored Mar. 17, 1909.

Mine Examiners.

The law of 1895 required certificated men to examine the mines and they were called "Fire Bosses;" July 1, 1899, the name was changed to Mine Examiners.

Certificates of service are indicated by (†), all others are competency. The asterisk (*) before the date indicates, "not a regular examination."

Name.	Post office.	County.	Age.	Date of examination.
Able, George	East Peoria	Tazewell	36	Jan. 16, 1905
Adams, Alexander	Carterville	Williamson	33	June 13, 1904
Adams, Will	Herrin	..do	30	Dec. 19, 1910
Adams, William	Staunton	Macoupin	29	Jan. 17, 1910
Adams, William M	Centralia	Marion	30	Mar. 11, 1901
Adrien, Charles H	Hanna City	Peoria	52	Nov. 25, 1901
Ainsley, Walter E	Zeigler	Franklin	41	Apr. 16, 1906
Aken, E. R	Elkville	Jackson	36	Apr. 14, 1913
Aken, Lyman	..do	..do	21	Apr. 14, 1913
Aken, R. B	..do	..do	25	Dec. 19, 1910
Akers, Max	Peoria	Peoria	24	Nov. 13, 1905
Allen, Ben	Virden	Macoupin	33	Nov. 14, 1904
Allen, Fred	Centralia	Marion	34	Apr. 17, 1905
Allen, Grover	East Peoria	Tazewell	24	Nov. 1, 1909
Allen, Taylor	Auburn	Sangamon	45	Jan. 14, 1907
Alexander, David H	Pinckneyville	Perry	25	June 13, 1904
Alexander, John	Cable	Mercer	32	Dec. 10, 1900
Amberger, Joseph	Chatham	Sangamon	26	June 24, 1901
Amerson, Wm	Glen Carbon	Madison	24	Nov. 13, 1905
Anderson, James	Marion	Williamson	46	Sept. 23, 1901
Anderson, Joseph T	Nashville	Washington	22	Nov. 30, 1908
Anderson, Robert	Harrisburg	Saline	72	Feb. 13, 1911
Andree, John W	Greenview	Menard	21	June 24, 1901
Andrew, Thomas	Oglesby	LaSalle	47	July 25, 1899
Andrew, Thomas	..do	..do	47	June 7, 1898
Appanaitis, Andrew	Westville	Vermilion	39	June 27, 1910
Appleby, Robert	East Peoria	Tazewell	39	July 27, 1908
Archibald, George	Greenridge	Macoupin	58	Feb. 12, 1900
Argile, Joseph	Coal City	Grundy	57	Oct. 21, 1895
Armstrong, George	Riverton	Sangamon	37	Apr. 9, 1900
Armstrong, J. J	Herrin	Williamson	36	Oct. 15, 1906
Arnold, Stephen†	Kangley	LaSalle	62	June 7, 1898
Arnold, Stephen	..do	..do	63	July 25, 1899
Asbery, Edward	Salem	Marion	30	Apr. 27, 1903
Asbery, John B	..do	..do	28	Oct. 19, 1903
Ashley, Geo. S	Willisville	Perry	36	Aug. 12, 1907
Ashton, John T	Farmington	Fulton	27	Sept. 21, 1908
Ashworth, A. A	Herrin	Williamson	33	June 15, 1915
Asquith, George	Cuba	Fulton	61	Feb. 15, 1909
Atkinson, John G	Cable	Mercer	26	Oct. 15, 1900
Aufdenspring, Wm	Middletown	Logan	41	Aug. 15, 1910
Avery, William	Belleville	St. Clair	27	Apr. 9, 1900
Axon, Charles H	Collinsville	Madison	37	Feb. 13, 1911
Back, Robert	Farmington	Fulton	26	Apr. 9, 1900
Backes, John L	Mapleton	Peoria	47	Apr. 16, 1906
Bahlow, Fred, Jr	Springfield	Sangamon	21	Jan. 15, 1912
Bailey, Charles	Sunfield	Perry	27	Nov. 30, 1908
Bailey, David	..do	..do	25	July 31, 1905
Bailey, William	..do	..do	30	Apr. 17, 1905
Bailie, James W	Duquoin	..do	37	Nov. 13, 1905
Bainbridge, Robert A	Harrisburg	Saline	43	Feb. 13, 1911
Baird, Daniel	Sparta	Randolph	65	Apr. 17, 1905
Baker, Charles	Centralia	Marion	35	Nov. 14, 1904
Baker, Millard F	Murphysboro	Jackson	35	July 16, 1906
Baker, Robert	Auburn	Sangamon	26	Apr. 9, 1900
Baker, Samuel G	..do	..do	33	Oct. 15, 1900
Baker, Sharrard	Gillespie	Macoupin	36	July 25, 1899
Baldwin, John T	Equality	Gallatin	46	July 20, 1903
Ball, John	LaSalle	LaSalle	36	Dec. 19, 1910
Ball, Reuben	..do	..do	37	Jan. 17, 1910
Ballowe, Thomas	Johnston City	Williamson	28	Feb. 17, 1908
Bander, Fred	Herrin	..do	33	June 13, 1904
Bannister, Henry T	Benton	Franklin	32	Feb. 9, 1914
Barker, John	Centralia	Marion	22	Aug. 15, 1904
Barkley, Claude	Cantrall	Sangamon	31	Feb. 15, 1909
Barkley, George	Greenview	Menard	69	Aug. 6, 1900

MINE EXAMINERS—Continued.

Name.	Post office.	County.	Age.	Date of examination.
Barlow, Harry	Lake Creek	Williamson	42	July 25, 1899
Barlow, Henry	..do	..do	42	Aug. 26, 1896
Barm, John T	Westville	Vermilion	39	Nov. 30, 1908
Barnard, Edward	Danville	..do	39	Mar. 13, 1905
Barnes, Frate	Johnston City	Williamson	28	Apr. 14, 1913
Barrowman, Andrew	Springvalley	Bureau	29	Jan. 17, 1910
Barrowman, Geo. S	Bush	Williamson	39	Oct. 15, 1906
Barrowman, James, Jr	Springvalley	Bureau	26	Nov. 30, 1908
Barrowman, Wm. T	DeSoto	Jackson	31	Nov. 14, 1904
Bartels, H. H	Mt. Olive	Macoupin	30	Apr. 16, 1912
Bartram, Robert	Farmington	Fulton	29	Sept. 21, 1908
Barwick, Sylvester	Carterville	Williamson	31	Mar. 25, 1907
Basso, Joseph	Athens	Menard	31	Nov. 13, 1905
Battasso, Barney	Springvalley	Bureau	22	Feb. 8, 1915
Baudinn, George	Assumption	Christian	23	Dec. 14, 1914
Bauer, John H	Freeburg	St. Clair	29	Feb. 17, 1908
Baugh, William	Dawson	Sangamon	37	Sept. 26, 1899
Baugh, William†	..do	..do	34	May 16, 1896
Bauswell, Dallas	Hillsboro	Montgomery	32	Dec. 15, 1913
Baxter, Robert	Canton	Fulton	22	Apr. 14, 1913
Bayer, Albert	Sparta	Randolph	40	Feb. 17, 1908
Bayless, I. N	Zeigler	Franklin	26	July 22, 1912
Bayshaw, Geo. W.†	Virden	Macoupin	55	Nov. 18, 1895
Bean, A. L	Herrin	Williamson	28	Feb. 13, 1911
Beard, Charles	Duquoin	Perry	33	Feb. 15, 1909
Beard, Jacob	..do	..do	35	Jan. 14, 1907
Beckman, Theodore	Glen Carbon	Madison	37	Nov. 24, 1902
Bednar, John	Staunton	Macoupin	24	Jan. 17, 1910
Beecham, Walter	Brereton	Fulton	21	Dec. 2, 1907
Beechan, William	Cardiff	Livingston	43	Apr. 9, 1900
Beese, Charles	Belleville	St. Clair	27	Mar. 13, 1905
Beggs, David	Fairbury	Livingston	22	Feb. 22, 1904
Beisel, John	Worden	Madison	41	Apr. 27, 1908
Belch, Thomas	Herrin	Williamson	62	Jan. 16, 1905
Bell, Arthur	Coulterville	Randolph	25	Dec. 14, 1903
Bell, H. C	Sparta	..do	54	July 22, 1912
Bell, Joseph	Dewmaine	Williamson	30	Mar. 7, 1916
Bell, Wm	Streator	LaSalle	37	July 13, 1897
Beltz, F. J	Eldorado	Saline	36	July 16, 1906
Bennett, David R	Mt. Olive	Macoupin	29	Jan. 8, 1906
Bennett, William	Pawnee	Sangamon	27	Jan. 17, 1910
Bennett, William	Danville	Vermilion	62	Apr. 17, 1905
Benson, Wm	Winchester	Scott	41	July 16, 1906
Berg, Fred A	Mt. Olive	Macoupin	36	Mar. 25, 1907
Bergadine, Ashley G	Belleville	St. Clair	21	June 14, 1914
Berggren, A. E	Matherville	Mercer	53	July 22, 1912
Bergonz, Henry	Toluca	Marshall	34	July 16, 1906
Bernthal, Carl	Worden	Madison	22	Mar. 25, 1907
Berola, Anton	Fairbury	Livingston	35	Feb. 9, 1914
Berry, William C	Staunton	Macoupin	21	Apr. 27, 1903
Berry, W. T	..do	..do	36	Dec. 19, 1910
Berthold, Edward	..do	..do	24	Feb. 17, 1908
Bertoglio, Peter	Virden	..do	22	Nov. 30, 1908
Betson, J. W	Peoria	Peoria	23	Apr. 16, 1912
Betson, Richard	Farmington	Fulton	31	Oct. 15, 1906
Betson, Robert	..do	..do	50	Oct. 19, 1903
Bettison, William	Canton	..do	51	Dec. 10, 1900
Bevan, Wm	Springvalley	Bureau	34	Oct. 15, 1906
Beyer, F. Curt	Mt. Olive	Macoupin	31	June 24, 1907
Beynon, J. G	O'Fallon	St. Clair	35	Mar. 13, 1905
Biehl, Charles	Belleville	..do	50	Oct. 15, 1900
Bigelow, George	Spaulding	Sangamon	26	Oct. 19, 1903
Biggs, C. J	Marion	Williamson	34	Apr. 14, 1913
Birchnall, Charles	Westville	Vermilion	31	June 16, 1913
Biroschik, John S	Streator	LaSalle	24	Mar. 25, 1907
Bishop, John, Jr	Sunfield	Perry	21	Nov. 30, 1908
Blair, Herbert W	Centralia	Marion	35	Mar. 11, 1901
Blakemore, George	Streator	LaSalle	41	July 25, 1899
Blakemore, George†	..do	..do	38	Feb. 20, 1896
Blankenship, James	East Peoria	Tazewell	42	Apr. 12, 1909
Blaseck, Frank	Mt. Olive	Macoupin	31	Feb. 17, 1908
Blauwitz, Gustave	Belleville	St. Clair	42	Jan. 8, 1906
Blazino, John	Toluca	Marshall	36	Sept. 21, 1908
Blenkensopp, T. J	Cable	Mercer	43	Dec. 5, 1899
Blessing, Ben	Wesley	Tazewell	33	July 27, 1908
Blue, David	Thayer	Sangamon	22	Nov. 30, 1908

Mine Examiners—Continued.

Name.	Post office.	County.	Age.	Date of examination.
Blue, James	Thayer	Sangamon	26	Nov. 30, 1908
Blue, J. W.	Grape Creek	Vermilion	33	July 25, 1899
Bluefield, Chas.	Coal City	Grundy	42	Aug. 26, 1896
Blyth, Joseph	Gillespie	Macoupin	25	Sept. 21, 1908
Boak, Joseph	Springfield	Sangamon	50	Jan. 17, 1910
Bodell, Louis	Mt. Pulaski	Logan	30	Mar. 13, 1905
Bogue, James J	Springfield	Sangamon	28	July 27, 1908
Boland, Peter	Dewmaine	Williamson	37	June 16, 1913
Bollinger, Charles	Farmington	Fulton	29	Sept. 21, 1908
Bolt, Martin	Ladd	Bureau	35	Jan. 14, 1907
Boner, Benj. F	Herrin	Williamson	24	June 13, 1904
Booth, Enoch	Springfield	Sangamon	58	July 25, 1899
Booth, J. Harry	Marissa	St. Clair	31	Feb. 17, 1908
Boots, Stull A	Westville	Vermilion	21	Jan. 10, 1916
Borders, George	Decatur	Macon	46	Nov. 1, 1909
Borg, Frank	Mt. Olive	Macoupin	51	July 25, 1899
Borg, Frank†	..do	..do	47	Nov. 18, 1895
Bost, Lock	Pana	Christian	48	June 13, 1904
Boston, John W	Tallula	Menard	40	Apr. 16, 1906
Boswell, L. A.†	Hillsboro	Montgomery	40	May 15, 1916
Boulton, Henry	Coal City	Grundy	53	Feb. 20, 1896
Bowen, Gwilym	Herrin	Williamson	42	June 7, 1898
Bowen, J. W	Taylorville	Christian	35	Jan. 14, 1907
Bowen, Melvin I	Blue Mound	Macon	31	June 13, 1904
Bowers, Wm. H	Nokomis	Montgomery	39	Apr. 14, 1913
Bowie, Robert	Braidwood	Will	21	Feb. 22, 1904
Bowie, Thomas	..do	..do	21	June 24, 1907
Bowman, Carl	St. David	Fulton	28	June 14, 1914
Bowman, Jacob	Salem	Marion	57	Nov. 14, 1904
Boyer, John	Fairmount	Vermilion	28	Nov. 24, 1902
Bracewell, Warren	Danville	..do	23	Feb. 22, 1904
Bradach, Joseph H	French Village	St. Clair	34	Apr. 16, 1906
Bradley, James	Belleville	..do	22	Jan. 16, 1905
Bradley, James L	O'Fallon	..do	29	Nov. 13, 1905
Brantley, Edgar	Murphysboro	Jackson	27	Aug. 12, 1907
Brayfield, Harmon	Duquoin	Perry	33	Apr. 11, 1910
Brayfield, Henry	Carterville	Williamson	22	Mar. 25, 1907
Breen, John	Springfield	Sangamon	47	Dec. 2, 1907
Breeze, John E	Taylorville	Christian	39	Nov. 13, 1905
Brennan, George	Caseyville	St. Clair	26	Feb. 22, 1904
Brennan, John E	Virden	Macoupin	28	Oct. 15, 1900
Brennan, Patrick	Toluca	Marshall	34	Sept. 26, 1899
Brewer, Emery A	Mt. Pulaski	Logan	27	Nov. 24, 1902
Brignall, William	Canton	Fulton	38	June 14, 1914
Brinkman, W. F	Mascoutah	St. Clair	28	Dec. 14, 1914
Brinley, Wm	Westville	Vermilion	33	July 31, 1905
Britton, Charles	Collinsville	Madison	33	Dec. 2, 1907
Brod, Peter A	Odin	Marion	42	Aug. 15, 1904
Brook, Isaac	South Wilmington	Grundy	55	Nov. 13, 1905
Brooks, Mac	Pleasant Plains	Sangamon	23	June 13, 1904
Brooks, Peter	Taylorville	Christian	50	Dec. 5, 1899
Brooks, Peter†	..do	..do	47	Nov. 18, 1895
Brown, Andrew, M., Jr	Braidwood	Will	22	Dec. 19, 1910
Brown, Archibald	Streator	LaSalle	32	July 25, 1899
Brown, Benjamin F	Bryant	Fulton	59	Dec. 14, 1903
Brown, G. J	Elkville	Jackson	30	June 24, 1907
Brown, Harry	Divernon	Sangamon	32	Jan. 15, 1912
Brown, Harry	Hillsboro	Montgomery	22	June 24, 1907
Brown, Henry L	Cutler	Perry	34	Dec. 19, 1910
Brown, James A	Thayer	Sangamon	26	Apr. 14, 1913
Brown, John †	Streator	LaSalle	43	Feb. 20, 1896
Brown, John T	Ledford	Saline	26	Oct. 15, 1906
Brown, Leslie L	Peoria	Peoria	27	Nov. 14, 1904
Brown, Mathew	Springfield	Sangamon	48	Oct. 15, 1900
Brown, Thos	Farmington	Fulton	35	Sept. 21, 1908
Brown, Thomas B	Tilden	Randolph	33	Apr. 14, 1913
Brynn, William	Virden	Macoupin	42	Sept. 23, 1901
Bryson, Alexander	Trenton	Clinton	45	July 22, 1912
Bullough, James	Girard	Macoupin	44	Aug. 26, 1896
Bumgarner, Andrew J	Barclay	Sangamon	29	Oct. 15, 1900
Bundy, John	Streator	LaSalle	39	July 13, 1897
Burbridge, Charles	Farmington	Fulton	29	Sept. 21, 1908
Burgess, William W	Johnston City	Williamson	26	Feb. 22, 1904
Burke, John	Westville	Vermilion	33	Feb. 22, 1904
Burnett, John	Hallidayboro	Jackson	23	Apr. 27, 1903
Burnett, Thomas	..do	..do	37	Apr. 14, 1902

Mine Examiners—Continued.

Name.	Post office.	County.	Age.	Date of examination.
Burns, George	Danville	Vermilion	33	July 16, 1906
Burns, James, Sr	Springfield	Sangamon	62	Dec. 10, 1900
Burns, John	Springvalley	Bureau	32	Oct. 19, 1903
Burns, Wm. A	Eldorado	Saline	54	July 22, 1912
Burress, Hodge	Muddy	..do	27	Oct. 12, 1914
Burress, Otis	Galatia	..do	30	Jan. 6, 1913
Burris, Wm. S	Gillespie	Macoupin	31	July 31, 1905
Busaytis, Joseph	Hillsboro	Montgomery	27	Apr. 10, 1911
Butcher, Frank	Johnston City	Williamson	37	June 14, 1914
Butler, Arthur	Danville	Vermilion	24	Nov. 11, 1912
Butler, Oliver	Staunton	Macoupin	29	June 15, 1915
Butler, W. H	Percy	Randolph	27	Jan. 8, 1906
Byron, John E	Springfield	Sangamon	29	July 10, 1911
Cadmus, George T	Lebanon	St. Clair	29	July 31, 1905
Cahill, W. H	Royalton	Franklin	37	Mar. 25, 1907
Calhoun, W. R	Grayson	Saline	28	Jan. 10, 1916
Cameron, Duncan	Virden	Macoupin	50	Dec. 2, 1907
Campbell, Edward	Pekin	Tazewell	32	Feb. 22, 1904
Campbell, Fred	Troy	Madison	59	Nov. 20, 1911
Campbell, James	Assumption	Christian	44	May 16, 1896
Campbell, John	Benton	Franklin	32	July 10, 1911
Campbell, John J	Seatonville	Fulton	32	Sept. 21, 1908
Campbell, Robert	Witt	Montgomery	33	Dec. 5, 1899
Campbell, Wm. A	Seatonville	Bureau	27	Jan. 8, 1906
Canfield, P. W	Brereton	Fulton	31	Jan. 6, 1913
Cannon, John	Marquette	Bureau	35	Sept. 22, 1902
Cape, Sam	Eldorado	Saline	23	Jan. 17, 1910
Capet, Moses	Coal City	Grundy	37	July 20, 1903
Cappin, Aaron	Wenona	Marshall	45	Oct. 21, 1895
Capstick, Arthur E	New Baden	Clinton	24	Jan. 16, 1905
Capstick, Wesley W	..do	..do	23	Jan. 16, 1905
Cardy, George	Benton	Franklin	40	Apr. 10, 1911
Carlson, Andrew	Colfax	McLean	44	Nov. 24, 1902
Carlyon, John	Oglesby	LaSalle	38	Dec. 14, 1903
Carr, J. W	Odin	Marion	43	July 25, 1899
Carr, William	Middletown	Logan	51	July 31, 1905
Carraher, M. J	Benton	Franklin	24	July 12, 1909
Carraher, Thomas	Zeigler	..do	25	Nov. 13, 1905
Carriaux, Theodore	Springvalley	Bureau	22	June 16, 1913
Carroll, Anthony W	Gillespie	Macoupin	36	Jan. 20, 1902
Carter, Dillie	Carterville	Williamson	33	Feb. 17, 1908
Carter, James	LaSalle	LaSalle	59	Sept. 22, 1902
Carter, Samuel	Braceville	Grundy	42	Nov. 24, 1902
Cartirell, Claude	Herrin	Williamson	24	June 13, 1904
Casassa, Joseph B	Springvalley	Bureau	22	Apr. 16, 1912
Case, William	Diamond	Grundy	50	Dec. 5, 1899
Casey, James	Selbytown	Sangamon	24	Oct. 15, 1900
Casey, John	Braidwood	Will	30	Nov. 13, 1905
Casey, John	Williamsville	Sangamon	24	Sept. 26, 1899
Cash, Robert	Marion	Williamson	24	Sept. 8, 1913
Cashen, W. P	Lincoln	Logan	36	June 13, 1904
Cathcart, Wm. J	Harrisburg	Saline	42	Dec. 19, 1910
Catlin, John	Elmwood	Peoria	50	July 10, 1911
Cave, Albert	Streator	LaSalle	21	Apr. 16, 1906
Caveney, Edward†	Pana	Christian	65	May 16, 1896
Cerar, Paul	Roanoke	Woodford	22	Nov. 1, 1909
Chadderton, John	Lenz Station	St. Clair	54	Nov. 18, 1895
Champ, J. W	Colchester	McDonough	43	Mar. 25, 1907
Champe, Wm. M	Coffeen	Montgomery	38	July 31, 1905
Champley, James	Wenona	Marshall	24	Nov. 23, 1896
Champley, James	Wenona	Marshall	24	*Sept. 12, 1899
Chance, John	Farmington	Fulton	31	Apr. 27, 1908
Chapman, B. T	Staunton	Macoupin	23	Apr. 20, 1914
Chapman, T. H	Westville	Vermilion	28	Feb. 9, 1914
Charlton, Edward	Riverton	Sangamon	29	Dec. 2, 1907
Charlton, J. O	Pinckneyville	Perry	33	Jan. 6, 1913
Charnock, James	Decatur	Macon	55	Jan. 16, 1905
Chere, W. L	Middlegrove	Logan	29	Sept. 21, 1908
Childres, John F	Carterville	Williamson	32	Apr. 20, 1914
Christie, Wm. T	Herrin	..do	29	Nov. 13, 1905
Clark, Brooks	Carterville	..do	22	Apr. 11, 1910
Clark, Joseph B	Hornsby	Macoupin	62	Feb. 28, 1899
Clark, Peter	Herrin	Williamson	41	Apr. 20, 1914
Clark, Robert	Farmington	Fulton	35	Nov. 14, 1904
Clark, Walter	Lebanon	St. Clair	21	Aug. 15, 1904

Mine Examiners—Continued.

Name.	Post office.	County.	Age.	Date of examination.
Clark, W. R.	Westville	Vermilion	57	Dec. 19, 1910
Claunch, Marion	Reeves	Williamson	28	July 16, 1906
Clayton, George	Herrin	..do	24	May 15, 1916
Clelland, Wm.	Rutland	LaSalle	60	Mar. 13, 1905
Coleman, John	West Frankfort	Franklin	27	Nov. 11, 1912
Coleman, Mont	Virden	Macoupin	26	Nov. 13, 1905
Collins, Charles S	Murphysboro	Jackson	30	Apr. 27, 1908
Collins, Frank W	Roanoke	Woodford	27	Nov. 1, 1909
Combest, R. E.	Pana	Christian	37	Apr. 27, 1908
Condon, Charles H	Hanna City	Peoria	45	Apr. 9, 1900
Connaughton, Edward	Belleville	St. Clair	51	June 24, 1901
Connelly, Joseph W	Decatur	Macon	34	Feb. 15, 1909
Connelly, Terrance J	Assumption	Christian	29	July 25, 1899
Connor, James	Tilden	Randolph	25	July 27, 1908
Connors, William	Farmersville	Montgomery	45	Apr. 11, 1910
Considine, John	Belleville	St. Clair	32	Jan. 14, 1907
Coogan, Wm.	East Peoria	Tazewell	33	Mar. 13, 1905
Cook, Amp	Reeves	Williamson	23	Mar. 25, 1907
Cook, Elijah	Wanlock	Mercer	49	Dec. 5, 1899
Cook, Frank	Westville	Vermilion	24	Mar. 13, 1905
Cook, George	Sparland	Marshall	29	Jan. 15, 1912
Cook, J.	Ledford	Saline	32	Aug. 15, 1904
Cook, Thomas	Belleville	St. Clair	62	Dec. 5, 1899
Cook, Walter	Harrisburg	Saline	26	Dec. 19, 1910
Cook, William	Duquoin	Perry	36	Dec. 10, 1900
Cooley, James W	Hillsboro	Montgomery	30	Feb. 15, 1909
Cooper, Joseph	Rend City	Franklin	39	July 12, 1909
Cooper, Moses	Athens	Menard	53	Aug. 6, 1900
Cooper, Simeon	Springfield	Sangamon	54	Apr. 27, 1908
Copening, Joseph	Dewmaine	Williamson	38	July 22, 1912
Corbin, Earl	West Frankfort	Franklin	28	Sept. 8, 1913
Corcoran, Charles	Carterville	Williamson	25	July 31, 1905
Corcoran, James	..do	..do	29	July 16, 1906
Corden, Richard	Coulterville	Randolph	29	Mar. 13, 1905
Corrigan, George	Springfield	Sangamon	30	Nov. 11, 1912
Cosgrove, Bernard	Sparta	Randolph	36	Apr. 17, 1905
Cosgrove, John	..do	..do	44	July 31, 1905
Costello, Henry	Pana	Christian	54	July 25, 1899
Costello, Henry	..do	..do	54	Nov. 18, 1895
Coulehan, T. E.	St. David	Fulton	36	Jan. 6, 1913
Cowell, William	West Frankfort	Franklin	26	Apr. 14, 1913
Cowie, John	South Wilmington	Grundy	53	Nov. 1, 1909
Cowie, William	Gillespie	Macoupin	26	Dec. 14, 1914
Cowley, Peter	Westville	Vermilion	25	Apr. 17, 1905
Cowley, William	Duquoin	Perry	32	Dec. 5, 1899
Cox, Eugene	Centralia	Marion	30	Dec. 14, 1903
Cox, Norman	Murphysboro	Jackson	32	Aug. 12, 1907
Cox, Walter E.	Centralia	Marion	21	Dec. 14, 1903
Cox, Will W.	Edwardsville	Madison	38	Mar. 11, 1901
Coxon, John	Belleville	St. Clair	72	July 22, 1912
Coxon, Robert	Mascoutah	..do	28	July 22, 1912
Craig, Leroy L.	Pittsburgh	Williamson	33	July 22, 1912
Crain, Emery	Percy	Randolph	32	June 16, 1913
Crane, J. E.	Murphysboro	Jackson	35	Nov. 23, 1896
Crane, Roy	Tamaroa	Perry	24	Mar. 13, 1905
Cresswell, Ferdinand	Harrisburg	Saline	37	July 12, 1909
Crichton, Lawson	Taylorville	Christian	46	Jan. 20, 1902
Critchley, Harry	Glen Carbon	Madison	24	Apr. 16, 1906
Crofts, Robert	Cardiff	Livingston	29	Oct. 15, 1906
Cross, Thomas	Johnston City	Williamson	26	June 13, 1904
Cross, William	Glen Carbon	Madison	35	Nov. 11, 1912
Crowder, Alonzo	Georgetown	Vermilion	40	Jan. 10, 1916
Cruickshanks, Wm. A.	Witt	Montgomery	35	Apr. 27, 1908
Cruse, Robert R.	Reeves	Williamson	26	Jan. 18, 1910
Cull, David	Johnston City	..do	36	Apr. 14, 1913
Cull, Joseph	..do	..do	35	Feb. 9, 1914
Cumming, Frank	Sparland	Marshall	34	Apr. 11, 1910
Cumming, James M.	East Peoria	Tazewell	27	Apr. 27, 1903
Cummings, Malcolm F.	Springfield	Sangamon	32	July 10, 1911
Cummings, Wm. J.	..do	..do	37	July 10, 1911
Cummins, Ross	Danville	Vermilion	21	Nov. 14, 1904
Cunningham, David	Carlinville	Macoupin	24	Mar. 1, 1898
Cunningham, David	..do	..do	24	May 21, 1900
Dacy, William	Springfield	Sangamon	38	Dec. 5, 1899
Daenzer, John A.	Glen Carbon	Madison	24	Mar. 13, 1905

MINE EXAMINERS—Continued.

Name.	Post office.	County.	Age.	Date of examination.
Dailey, Charles J	Springfield	Sangamon	43	Nov. 13, 1905
Dale, Henry, Jr	Herrin	Williamson	24	Aug. 12, 1907
Dale, John	Streator	LaSalle	29	Mar. 13, 1905
Dallas, Charles	Odin	Marion	34	Apr. 14, 1902
Daly, Michael	Maryville	Madison	44	Jan. 17, 1910
Daly, William	Staunton	Macoupin	35	Oct. 15, 1906
Dalzell, Andrew	Lawton	Grundy	36	Apr. 9, 1900
Dangerfield, Edwin	Herrin	Williamson	27	June 13, 1904
Daniel, John	Belleville	St. Clair	66	Dec. 10, 1900
Daniels, David	..do	..do	68	July 16, 1906
Daniels, David	Herrin	Williamson	22	Oct. 11, 1915
Dare, Charles	Lenzburg	St. Clair	34	Jan. 14, 1907
Davenport, Wm. W	Hillsboro	Montgomery	39	June 24, 1907
David, Emmer E	Astoria	Fulton	28	Feb. 12, 1900
Davidson, Forest W	Sandoval	Marion	30	Nov. 14, 1904
Davidson, Frank A	Sparta	Randolph	35	July 31, 1905
Davidson, Wm	Christopher	Franklin	34	Aug. 12, 1907
Davies, John	Kingston Mines	Peoria	39	June 13, 1904
Davies, John E	Cambria	Williamson	45	Dec. 2, 1907
Davis, Esau	Johnson City	..do	24	Feb. 9, 1914
Davis, Fred	Thayer	Sangamon	23	Apr. 16, 1912
Davis, George	Springfield	..do	52	Sept. 26, 1899
Davis, Jackson	Athens	Menard	29	Oct. 15, 1900
Davis, John	Taylorville	Christian	48	Mar. 11, 1901
Davis, John	Carterville	Williamson	25	Oct. 12, 1914
Davis, Joseph	Gillespie	Macoupin	33	Jan. 15, 1912
Davis, Richard	Harrisburg	Saline	49	July 10, 1911
Davis, Thomas	Nilwood	Macoupin	50	July 25, 1899
Davis, Thomas†	..do	..do	49	Feb. 28, 1899
Davis, Thomas	Streator	LaSalle	24	Sept. 21, 1908
Davis, William	..do	..do	35	*Sept. 12, 1899
Davis, William	Belleville	St. Clair	24	Nov. 1, 1909
Davis, Wm	Streator	LaSalle	35	Oct. 21, 1895
Davis, Wm. H	..do	..do	31	Feb. 12, 1900
Davis, Wm. J	Springvalley	Bureau	27	Oct. 15, 1906
Davison, Wm. D	Sandoval	Marion	34	Feb. 12, 1900
Dawkins, Wm. E	Rentchler	St. Clair	28	June 24, 1901
Day, John	Gillespie	Macoupin	32	July 10, 1911
Day, John H	Belleville	St. Clair	25	Dec. 2, 1907
Day, Louie B	Taylorville	Christian	39	June 24, 1901
Day, Samuel	Gillespie	Macoupin	29	Nov. 11, 1912
Day, William	..do	..do	35	June 16, 1913
Dayton, John	Roanoke	Woodford	38	Dec. 14, 1903
Deacon, Samuel	Eldorado	Saline	35	June 15, 1915
Deakin, Ernest	Pekin	Tazewell	32	Jan. 6, 1913
Dean, Oliver	Norris	Fulton	40	Apr. 5, 1915
Deans, Thomas	West Frankfort	Franklin	24	Apr. 14, 1913
Deming, Frank R	Zeigler	..do	26	Dec. 2, 1907
Designe, Henry	Roanoke	Woodford	31	Nov. 1, 1909
Deswysen, William	Girard	Macoupin	45	July 22, 1912
Devlin, Francis	Christopher	Franklin	29	Nov. 11, 1912
Devonald, D. H	West Frankfort	..do	24	Apr. 14, 1913
DeWilde, George	Roanoke	Woodford	26	Nov. 1, 1909
Dickey, John G	Sparta	Randolph	36	Oct. 19, 1903
Dickinson, George	Chatham	Sangamon	24	Jan. 14, 1907
Dickinson, Wm. A	Gillespie	Macoupin	28	Nov. 1, 1909
Dickinson, Wm. T	Athens	Menard	47	June 13, 1904
Diehl, Louis	Belleville	St. Clair	22	Apr. 17, 1905
Dillon, James	Braidwood	Will	32	Dec. 2, 1907
Dilts, Harry	Farmington	Fulton	26	Nov. 13, 1905
Dixon, Joseph	Johnston City	Williamson	36	July 22, 1912
Dobbs, Henry	LaSalle	LaSalle	47	Aug. 12, 1907
Dodd, Austin E	Witt	Montgomery	37	Sept. 8, 1913
Dodge, H. N	East Peoria	Tazewell	31	June 7, 1898
Doerr, Emil	Johnston City	Williamson	37	Mar. 13, 1905
Domrath, Fred	Virden	Macoupin	36	July 13, 1897
Donivan, Dan	Johnston City	Williamson	29	Feb. 17, 1908
Donkin, Jonathan, Sr	LaSalle	LaSalle	60	June 13, 1904
Donnelly, Andrew	..do	..do	33	July 27, 1908
Donnelly, James	..do	..do	22	Jan. 17, 1910
Donnelly, Peter	..do	..do	37	Nov. 1, 1909
Donnelly, William	..do	..do	32	Dec. 19, 1910
Dooner, P. J	Westville	Vermilion	27	July 13, 1897
Doorachek, Emil	Belleville	St. Clair	44	Apr. 27, 1908
Dorris, Charles	Harrisburg	Saline	21	Aug. 15, 1904
Dougherty, Charles	Springvalley	Bureau	22	July 16, 1906

Mine Examiners—Continued.

Name.	Post office.	County.	Age.	Date of examination.
Dougherty, James	Herrin	Williamson	26	May 15, 1916
Dowdell, William	Danville	Vermilion	26	Apr. 27, 1903
Dowell, W. C	Centralia	Marion	30	July 25, 1899
Downes, Thomas	Westville	Vermilion	25	Oct. 15, 1906
Drake, Jess	Glen Carbon	Madison	31	Jan. 8, 1906
Draper, Clarence	Herrin	Williamson	23	Feb. 8, 1915
Draper, John	Clifford	..do	23	Sept. 21, 1908
Draper, Orason	Divernon	Sangamon	23	July 31, 1905
Drenckhohl, Louis	Centralia	Marion	35	Apr. 14, 1913
Drui, Nicholas	Worden	Madison	43	Dec. 19, 1910
Drury, Charles S	Divernon	Sangamon	34	Jan. 15, 1912
Dubois, James	Oglesby	LaSalle	33	Mar. 13, 1905
Duck, William	Pana	Christian	32	Apr. 11, 1910
Duddy, Martin	Johnston City	Williamson	36	Nov. 20, 1911
Duncan, John C	Murphysboro	Jackson	27	Nov. 13, 1905
Dunkel, George E	Pleasant Plains	Sangamon	32	Jan. 16, 1905
Dunning, Luther	Clifford	Williamson	28	Oct. 11, 1915
Dusenberry, Walter	Marissa	St. Clair	27	Mar. 13, 1905
Dzurus, George, Jr	Staunton	Macoupin	26	Apr. 14, 1913
Eadie, George	Pawnee	Sangamon	20	Nov. 20, 1911
Eadie, John	Sherman	..do	23	Nov. 13, 1905
Eaton, Alfred	Girard	Macoupin	28	Jan. 6, 1913
Eatough, Adam	Bartonville	Peoria	32	Feb. 15, 1909
Eddy, George	Streator	LaSalle	45	Mar. 25, 1907
Eddy, Thomas	Dorrisville	Saline	45	July 10, 1911
Eddy, Walter	..do	..do	42	July 10, 1911
Edmiston, Robert	Gillespie	Macoupin	37	Oct. 24, 1910
Edmunds, Morgan	Mt. Olive	..do	59	Sept. 13, 1898
Edmunds, Morgan	..do	..do	59	July 25, 1899
Edmunds, Samuel	Staunton	..do	38	Dec. 19, 1910
Edwards, Benj	Westville	Vermilion	34	Nov. 13, 1905
Edwards, John	Eldorado	Saline	41	Apr. 11, 1910
Edwards, Paul L	Edwards	Peoria	27	July 27, 1908
Edwards, Rudolph J	Tilden	Randolph	35	Nov. 30, 1908
Edwards, Thomas	Murphysboro	Jackson	29	June 24, 1907
Ehlert, Wm	Mt. Olive	Macoupin	34	Nov. 14, 1904
Eidmann, Alex	Herrin	Williamson	23	June 15, 1915
Elders, Alvin	Carterville	..do	24	Apr. 20, 1914
Elders, Mack	..do	..do	29	Nov. 11, 1912
Eldridge, Lando	Benton	Franklin	30	May 15, 1916
Elliott, H. E	Hurst	Williamson	30	Apr. 14, 1913
Ellis, Thomas J	Gillespie	Macoupin	33	Oct. 11, 1915
Ellison, Charles R	Pana	Christian	32	Feb. 22, 1904
Emerson, Arthur	Carterville	Williamson	24	July 16, 1906
English, Edward	Virden	Macoupin	23	July 12, 1909
English, Thomas	Streator	LaSalle	33	July 13, 1897
Enright, James	Farmington	Fulton	35	Sept. 21, 1908
Erlinger, Elmer G	Belleville	St. Clair	24	June 14, 1914
Ernst, Louis	Mt. Olive	Macoupin	21	Jan. 14, 1907
Esehenberg, H. W	Peru	LaSalle	30	June 24, 1907
Esper, Frank	Spaulding	Sangamon	22	Mar. 25, 1907
Eubanks, Edward R	Hallidayboro	Jackson	35	Feb. 22, 1904
Eudean, John	Farmington	Fulton	39	Sept. 21, 1908
Evans, Edward J	Pekin	Tazewell	31	June 16, 1902
Evans, Evan P	Cuba	Fulton	46	Dec. 2, 1907
Evans, Gwelym I	Duquoin	Perry	34	Nov. 14, 1904
Evans, James L	Hanaford	Franklin	25	Apr. 14, 1913
Evans, John	Sandoval	Marion	29	Mar. 13, 1905
Evans, Reese	Kangley	LaSalle	26	Apr. 27, 1908
Evans, Thomas	Lincoln	Logan	22	Aug. 15, 1910
Evans, Wm. A	Danville	Vermilion	45	Mar. 13, 1905
Evans, William R	Farmington	Fulton	38	Sept. 21, 1908
Evans, W. A	Canton	Fulton	53	May 15, 1916
Evers, John, Jr	..do	..do	25	June 16, 1913
Ewing, Stewart	Streator	LaSalle	30	Sept. 8, 1913
Fagg, Rowla L	Springfield	Sangamon	29	Apr. 10, 1911
Fairburn, George	Streator	LaSalle	43	Apr. 16, 1906
Fairley, Matt	Farmington	Fulton	33	Nov. 30, 1908
Falcette, Walter J	Virden	Macoupin	23	Apr. 11, 1910
Falconer, George T	Belleville	St. Clair	26	Nov. 13, 1905
Fareno, Joseph	Streator	LaSalle	35	Oct. 15, 1906
Farmer, James	Marissa	St. Clair	37	Sept. 26, 1899
Farnworth, Nathaniel	Riverton	Sangamon	28	Apr. 12, 1909
Farrand, Walter	Barclay	..do	28	July 13, 1897

MINE EXAMINERS—Continued.

Name.	Post office.	County.	Age.	Date of examination.
Farrell, John H	Springfield	Sangamon	32	Jan. 20, 1902
Farrimond, Joseph	Staunton	Macoupin	31	Apr. 17, 1905
Faucon, Arthur	Roanoke	Woodford	45	Nov. 1, 1909
Faughn, James L	Murphysboro	Jackson	38	Nov. 13, 1905
Felton, Harry	Petersburg	Menard	57	Sept. 26, 1899
Felts, Logan	Johnston City	Williamson	32	Nov. 14, 1904
Fenton, William J	Danville	Vermilion	34	Nov. 20, 1911
Ferges, Edward	Herrin	Williamson	29	Apr. 17, 1905
Ferguson, Thomas	Sawyerville	Macoupin	42	July 10, 1911
Ferguson, Wm	South Wilmington	Grundy	26	Oct. 15, 1906
Ficker, Fred	Staunton	Macoupin	38	Apr. 27, 1903
Fickert, Henry, Jr	do	do	22	Apr. 14, 1913
Fickert, Henry	do	do	45	Nov. 24, 1902
Fillingham, John E	Peoria	Peoria	35	Aug. 6, 1900
Finley, Charles	Decatur	Macon	21	Oct. 24, 1910
Finn, Michael	South Wilmington	Grundy	43	Apr. 16, 1906
Finney, Walter	West Frankfort	Franklin	27	July 22, 1912
Firth, Ben	Virden	Macoupin	21	Dec. 2, 1907
Fisher, J. H	Springfield	Sangamon	49	Sept. 21, 1908
Fisher, P. A	Roangke	Woodford	28	Nov. 1, 1909
Flannigan, Geo. W	Carriers Mills	Saline	24	Jan. 17, 1910
Fletcher, Earl	Duquoin	Perry	30	July 16, 1906
Flouquet, Leon J	Mechanicsburg	Sangamon	31	Aug. 15, 1910
Flynn, Charles	Pana	Christian	31	Dec. 14, 1903
Flynn, Edward	Duqoin	Perry	26	Jan. 16, 1905
Flynn, John	do	do	28	Aug. 15, 1904
Flynn, Paul	Lincoln	Logan	40	July 12, 1909
Flynn, Robert H	Danville	Vermilion	24	Nov. 20, 1911
Flynn, Wm	Willisville	Perry	25	July 31, 1905
Flynn, Wm. H	Carterville	Williamson	27	Nov. 13, 1905
Ford, Charles	Centralia	Marion	36	Oct. 15, 1906
Ford, John	Tilden	Randolph	34	Oct. 15, 1900
Ford, Thomas J	Springfield	Sangamon	43	Jan. 17, 1910
Forsyth, Hugh	Marissa	St. Clair	50	Jan. 12, 1903
Fortune, George W	Caseyville	do	47	Dec. 15, 1913
Fosster, Luke	Farmington	Fulton	34	Apr. 27, 1908
Foster, Charles	Riverton	Sangamon	32	Apr. 27, 1908
Foster, Ralph[1]	Marion	Williamson	27	July 16, 1906
Fox, John	Elmwood	Peoria	34	Aug. 6, 1900
Fox, John K	Elkville	Jackson	24	May 15, 1916
Franke, Anton	Freeburg	St. Clair	26	Feb. 22, 1904
Frankovich, Joseph	Kangley	LaSalle	24	Dec. 2, 1907
Franzan, Mat†	Girard	Macoupin	29	May 16, 1896
Fraser, John	Gillespie	do	34	July 10, 1911
Fraugen, William	Troy	Madison	22	Feb. 17, 1908
Freeman, Fred	Pittsburgh	Williamson	29	Jan. 17, 1910
Fremgen, Casper J	Glen Carbon	Madison	28	Jan. 12, 1903
Fremgen, Charles W	do	do	30	Jan. 12, 1903
Fremgen, Hubert	Mt. Olive	Macoupin	25	July 27, 1908
Frew, Robert A	Gillespie	do	26	Oct. 11, 1915
Frew, Thomas	Staunton	do	28	Mar. 25, 1907
Fries, John	Gillespie	do	24	Apr. 20, 1914
Fries, Joseph F	Sawyerville	do	36	Apr. 14, 1913
Fries, Wm. J	Gillespie	do	24	Apr. 14, 1913
Fritts, E. W	Sesser	Franklin	30	Apr. 16, 1912
Froud, Isaac	Taylorville	Christian	30	June 13, 1904
Fryer, Alfred	Springfield	Sangamon	56	Dec. 14, 1903
Fuller, P. H	Pekin	Tazewell	32	Sept. 21, 1908
Fullerton, Frank	Girard	Macoupin	22	July 10, 1911
Fulwiler, Ross	Streator	LaSalle	23	Nov. 30, 1908
Funck, William	Johnston City	Williamson	44	Jan. 8, 1906
Furey, Edward	Beckemeyer	Clinton	35	Feb. 9, 1914
Gahagan, Frank	Harrisburg	Saline	41	Aug. 15, 1904
Gainer, Harrison	Clifford	Williamson	26	Feb. 15, 1909
Galbraith, Patrick	Coal City	Grundy	55	Feb. 20, 1896
Gallagher, John W	Carterville	Williamson	49	Dec. 14, 1903
Galleiner, Chris	Harrisburg	Saline	25	June 15, 1915
Galligan, Michael	Herrin	Williamson	40	Oct. 15, 1900
Galvin, Martin	Carrollton	Greene	33	Nov. 23, 1896
Gamble, David	Farmington	Fulton	48	July 27, 1908
Gardner, Thomas	Johnston City	Williamson	36	Apr. 16, 1912
Gastenecker, Wm	Troy	Madison	54	July 25, 1899
Gebauer, Joseph	Glen Carbon	Madison	45	Sept. 22, 1902
Geddis, Hamilton A	Chatham	Sangamon	35	Nov. 14, 1904
Geibel, Nick	Springfield	do	36	Apr. 17, 1905

Mine Examiners—Continued.

Name.	Post office.	County.	Age.	Date of examination.
Gerlity, Herman	Marissa	St. Clair	37	June 24, 1907
Gerlt, Albert C	Staunton	Macoupin	30	Apr. 16, 1906
Getting, Michael F	West Frankfort	Franklin	34	Feb. 9, 1914
Gettleman, Lorenzo	Centralia	Marion	34	Apr. 27, 1903
Ghibaudy, Homore	Westville	Vermilion	25	Sept. 26, 1899
Gibbons, George	Farmington	Fulton	28	Apr. 12, 1909
Gibbs, Charles	Eldorado	Saline	33	Nov. 11, 1912
Gibson, Malcolm	Springfield	Sangamon	50	Apr. 10, 1911
Giebelhausen, J. R	East Peoria	Tazewell	23	Apr. 12, 1909
Gierten, Joseph	Belleville	St. Clair	34	Apr. 11, 1910
Gillespie, James	Cantrall	Sangamon	35	Mar. 13, 1905
Gillespie, John	Divernon	..do	34	June 13, 1904
Gilmour, William	Sesser	Franklin	40	June 27, 1910
Ginn, Jacob	Tilden	Randolph	36	Nov. 30, 1908
Gladson, Lee	Duquoin	Perry	24	Oct. 15, 1906
Glancey, Charles	Christopher	Franklin	28	Jan. 16, 1913
Gleich, Fred	Pekin	Tazewell	28	Jan. 16, 1905
Gloss, Mike	Virden	Macoupin	32	Nov. 18, 1895
Glover, Richard	Belleville	St. Clair	34	Apr. 9, 1900
Goddard, Leroy A	Marion	Williamson	22	Nov. 1, 1909
Goddard, W. H	Herrin	..do	36	Sept. 21, 1908
Goehe, Wm	Staunton	Macoupin	49	Nov. 18, 1895
Goff, Charles	Harrisburg	Saline	22	Feb. 13, 1911
Goff, Edward	..do	..do	23	July 12, 1909
Goff, Geo. T	..do	..do	21	Apr. 12, 1909
Goff, John	..do	..do	27	June 27, 1910
Goff, Joseph H	..do	..do	21	Nov. 11, 1912
Goodman, Albert	..do	..do	32	July 10, 1911
Gosnell, George W	Herrin	Williamson	34	Jan. 15, 1912
Gosnell, Ira	..do	..do	26	July 20, 1903
Gosnell, N. F	..do	..do	33	Apr. 17, 1905
Gosnell, Steve	Benton	Franklin	23	Dec. 19, 1910
Goss, Robert	Streator	LaSalle	21	Nov. 13, 1905
Grabsuck, Emel	Staunton	Macoupin	23	Nov. 18, 1895
Grady, Nicholas	Marquette	Bureau	55	Oct. 24, 1910
Graham, Albert	Virden	Macoupin	21	Apr. 16, 1906
Graham, George	..do	..do	34	Oct. 15, 1906
Graham, L. A	Jacksonville	Morgan	33	Nov. 23, 1896
Graham, Robert H	Springfield	Sangamon	31	Dec. 2, 1907
Gramlich, Fred W	Belleville	St. Clair	26	Nov. 14, 1904
Granger, George	Beckemeyer	Clinton	30	Jan. 10, 1916
Grant, Thomas	..do	..do	34	Nov. 11, 1912
Gray, Alexander	Gillespie	Macoupin	36	Apr. 14, 1902
Gray, Henry	Athens	Menard	25	Nov. 23, 1896
Gray, Henry	..do	..do	25	Sept. 26, 1899
Gray, James C	Girard	Macoupin	33	June 24, 1907
Gray, Wm.†	Streator	LaSalle	49	May 16, 1896
Gray, Wm	..do	..do	53	Sept. 26, 1899
Green, John	Belleville	St. Clair	24	June 15, 1915
Green, J. W	Springfield	Sangamon	24	Feb. 28, 1899
Green, Thomas H	..do	..do	30	July 31, 1905
Green, William H	Belleville	St. Clair	26	Apr. 9, 1900
Greenan, James	Girard	Macoupin	33	Apr. 16, 1912
Greenan, John	Coal City	Grundy	32	Apr. 9, 1900
Greger, Charles	Springfield	Sangamon	32	July 25, 1899
Greiner, William	Belleville	St. Clair	36	Jan. 6, 1913
Grier, Robert	Tice	Menard	37	Mar. 25, 1907
Grieve, David	Belleville	St. Clair	34	Apr. 16, 1912
Grieve, Jesse	..do	..do	25	Mar. 25, 1907
Grieve, Joseph	..do	..do	37	July 12, 1909
Grieve, Peter	..do	..do	27	Mar. 13, 1905
Grieve, Robert	Collinsville	Madison	27	Nov. 13, 1905
Griffin, John †	Niantic	Macon	40	May 16, 1896
Griffin, John B	..do	..do	45	Feb. 12, 1900
Griffiths, David	Centralia	Marion	38	Mar. 11, 1904
Griffiths, David	Streator	LaSalle	35	July 12, 1909
Griffiths, Evan	St. David	Fulton	48	July 25, 1899
Griffiths, Herbert	Herrin	Williamson	29	Nov. 20, 1911
Griffiths, Peter	Paisley	Montgomery	37	Aug. 6, 1900
Griffiths, Walter	Dunfermline	Fulton	33	June 14, 1914
Grills, Landon C	Duquoin	Perry	45	Jan. 16, 1905
Grisson, W. E	Johnston City	Williamson	26	Apr. 10, 1911
Groom, Isaac	Belleville	St. Clair	24	Sept. 26, 1899
Grumley, Dennis	Westville	Vermilion	51	Apr. 11, 1910
Guiney, Martin	Marion	Williamson	46	Mar. 25, 1907
Guiney, Robert	Herrin	..do	42	Feb. 17, 1908

MINE EXAMINERS—Continued.

Name.	Post office.	County.	Age.	Date of examination.
Guthrie, F. T.	Minonk	Woodford	35	Apr. 16, 1906
Guthrie, John	Mayton	Fulton	46	Apr. 12, 1909
Guthrie, J. C.	Herrin	Williamson	35	Apr. 17, 1905
Guy, John	Streator	LaSalle	34	Sept. 26, 1899
Guymon, Wm. N.	Springfield	Sangamon	32	Nov. 11, 1912
Hackett, Joseph	Blue Mound	Macon	28	July 31, 1905
Haddon, Thomas	Pana	Christian	48	*Mar. 8, 1897
Hadfield, Albert	Collinsville	Madison	26	May 15, 1916
Haffter, Charles	Mt. Olive	Macoupin	31	Jan. 14, 1907
Haffter, Paul E.	..do	..do	26	Jan. 14, 1907
Hale, Jesse T.	Sesser	Franklin	38	Apr. 16, 1912
Hale, Thos.	Herrin	Williamson	42	June 15, 1915
Hales, Thomas	Springfield	Sangamon	27	Apr. 20, 1914
Hall, Albert	Herrin	Williamson	27	Mar. 13, 1905
Hall, John H.†	Minonk	Woodford	40	Feb. 20, 1896
Hall, John W.	Riverton	Sangamon	46	June 24, 1907
Hall, Joseph	Auburn	..do	28	Jan. 16, 1905
Hall, Tead	Murphysboro	Jackson	28	Aug. 12, 1907
Hall, Thomas	Auburn	Sangamon	33	Jan. 16, 1905
Halls, Thomas	Danville	Vermilion	35	Apr. 10, 1911
Halmbacher, Frank	Decatur	Macon	32	July 16, 1906
Hamilton, David	Assumption	Christian	45	Apr. 9, 1900
Hamilton, Lancelet	Westville	Vermilion	28	June 27, 1910
Hampton, Harry	O'Fallon	St. Clair	24	Feb. 12, 1900
Handwright, James	Virden	Macoupin	27	Dec. 14, 1903
Hanley, Wm. T.	Springfield	Sangamon	23	Apr. 11, 1910
Hann, George	Litchfield	Montgomery	48	Sept. 13, 1898
Hanna, James	Mayton	Fulton	21	Sept. 21, 1908
Hannah, Edward	Springfield	Sangamon	32	Dec. 2, 1907
Hanson, Charles	Danville	Vermilion	29	Nov. 25, 1901
Hardin, Hiram H.	Divernon	Sangamon	24	Sept. 23, 1901
Harding, Joseph	Belleville	St. Clair	24	Sept. 8, 1912
Hardman, J. J.	Auburn	Sangamon	51	Oct. 21, 1895
Hardy, Thomas	Troy	Madison	27	Jan. 15, 1912
Hardy, William	Dawson	Sangamon	34	Nov. 11, 1912
Hare, P. J.	Virden	Macoupin	43	Apr. 12, 1909
Harper, Roy	New Baden	Clinton	25	May 15, 1916
Harrell, Carl	Edwards	Peoria	26	Nov. 1, 1909
Harris, Alexander	Gillespie	Macoupin	27	Apr. 12, 1909
Harris, Jonathan	Tilden	Randolph	29	Jan. 17, 1910
Harris, Tom	DeSoto	Jackson	32	Jan. 8, 1906
Harris, William	Hallidayboro	..do	41	Nov. 14, 1904
Harris, William	Hanna City	Peoria	30	Nov. 30, 1908
Harrison, James	Athens	Menard	44	May 16, 1896
Harrison, John	Odin	Marion	41	Nov. 18, 1895
Harrison, John, Jr.	Coulterville	Randolph	22	Apr. 27, 1908
Harrison, Robert	Cornell	Livingston	38	July 31, 1905
Harrison, Wm. H.	Belleville	St. Clair	23	Dec. 2, 1907
Harron, Walter	Sorento	Bond	24	June 16, 1902
Hart, Charles J.	Virden	Macoupin	34	July 25, 1899
Hart, Patrick	Greenridge	Macoupin	45	Jan. 15, 1911
Harten, H. D.	Benton	Franklin	42	Feb. 9, 1914
Harvey, Claude M.	Williamsville	Sangamon	28	Oct. 19, 1903
Harvey, Frank	Springfield	..do	31	Sept. 23, 1901
Haskins, Joseph	Catlin	Vermilion	25	June 24, 1901
Hasleton, Fred	Springfield	Sangamon	32	Jan. 12, 1903
Hassler, John E.	Belleville	St. Clair	41	July 16, 1906
Hatmaker, Sterling	Herrin	Williamson	29	Nov. 13, 1905
Hawkins, Sydney	Belleville	St. Clair	24	Feb. 12, 1900
Haydon, George J.	Divernon	Sangamon	27	Dec. 14, 1914
Haydon, J. S.	Wenona	Marshall	36	July 25, 1899
Haydon, Martin	Sherman	Sangamon	35	Nov. 13, 1905
Hayes, Webster	Glen Carbon	Madison	23	Nov. 24, 1902
Hayward, Joseph	Centralia	Marion	30	Mar. 11, 1901
Hayward, William T.	Witt	Montgomery	35	Oct. 24, 1910
Heenstreit, J. A.	Staunton	Macoupin	27	Nov. 14, 1904
Heck, Matt	Belleville	St. Clair	30	June 24, 1907
Hedges, R. A.	Herrin	Williamson	26	Oct. 15, 1906
Heffington, W. T.	Coulterville	Randolph	28	Aug. 12, 1907
Helm, Fred	Sparta	..do	35	Jan. 14, 1907
Hellmich, Louis	Staunton	Macoupin	23	June 16, 1913
Helm, Guido	Mt. Olive	..do	28	Mar. 25, 1907
Helm, Theodore	Staunton	..do	24	Apr. 16, 1906
Hemmersback, Peter	Farmington	Fulton	29	Mar. 11, 1901
Hemphill, Clarence W.	Marissa	St. Clair	31	Jan. 14, 1907

Mine Examiners—Continued.

Name.	Post office.	County.	Age.	Date of examination.
Henderson, Alexander	Springfield	Sangamon	28	Apr. 9, 1900
Henderson, John	Spaulding	..do	52	Oct. 19, 1903
Henderson, John D	Herrin	Williamson	31	Mar. 13, 1905
Henderson, Thos. J	..do	..do	32	Apr. 10, 1911
Henley, John	Odin	Marion	22	July 16, 1906
Henley, J. H	..do	..do	36	Aug. 26, 1896
Henry, David G	Belleville	St. Clair	37	Nov. 11, 1912
Henry, Jackson	Farmington	Fulton	46	Sept. 21, 1908
Hensler, Bruno	Mt. Olive	Macoupin	45	Apr. 27, 1908
Herb, George C	Belleville	St. Clair	34	Jan. 14, 1907
Herbert, Albert W	Athens	Menard	33	Apr. 9, 1900
Herbert, Stephen	Staunton	Macoupin	28	Nov. 30, 1908
Hergert, Joseph M	Lincoln	Logan	31	Feb. 17, 1908
Heriot, William	Moweaqua	Shelby	28	July 22, 1912
Heron, George	DeSoto	Jackson	33	Apr. 17, 1905
Herrin, L. C	Farmington	Fulton	25	Apr. 20, 1914
Herring, Albert	Murphysboro	Jackson	27	Dec. 2, 1907
Herzog, William	Glen Carbon	Madison	25	Jan. 12, 1903
Hexter, John	Freeburg	St. Clair	40	Aug. 15, 1904
Hickey, John	Mt. Olive	Macoupin	24	Oct. 15, 1906
Hickman, Emanuel	Belleville	St. Clair	29	Apr. 20, 1914
Hickman, Lewis H	Bissell	Sangamon	30	July 31, 1905
Higgins, Charles	Hallidayboro	Jackson	24	Apr. 14, 1913
Hill, Peter J	Hillsboro	Montgomery	48	Oct. 15, 1906
Hillery, George M	Dunfermline	Fulton	55	Apr. 27, 1903
Hillery, Thomas	Sherrard	Mercer	50	Dec. 14, 1903
Hiltrop, O. H	Bartonville	Peoria	29	Nov. 1, 1909
Hindman, Monroe	Herrin	Williamson	30	Dec. 14, 1903
Hindman, Moody	Carterville	..do	24	July 22, 1912
Hines, William	Rutland	LaSalle	43	Feb. 12, 1900
Hippard, Edwin J	Coulterville	Randolph	23	Sept. 21, 1908
Hippard, W. J	Belleville	St. Clair	42	July 20, 1903
Hisey, Wm. T	Ava	Jackson	33	*Mar. 6, 1905
Hitt, J. O	Johnston City	Williamson	30	June 14, 1914
Hittmeier, John	Mt. Olive	Macoupin	21	Jan. 14, 1907
Hochmuth, Ernest P	Staunton	..do	25	Sept. 8, 1913
Hocking, Arthur J	LaSalle	LaSalle	26	Mar. 25, 1907
Hodder, Jacob	Norris	Fulton	60	Mar. 11. 1901
Hoesfield, Aaron†	Oglesby	LaSalle	47	Feb. 20, 1896
Hoffman, Albert O	Girard	Macoupin	33	Feb. 17, 1908
Hogan, John	Staunton	..do	21	Oct. 12, 1914
Hoisfield, Aaron	Oglesby	LaSalle	47	Aug. 6, 1900
Holcomb, Ruben	Westville	Vermilion	24	June 13, 1904
Holcomb, Steve	..do	..do	30	Jan. 24, 1907
Holden, Andy	Coal City	Grundy	36	Feb. 20, 1896
Holman, W. A	Danville	Vermilion	31	Sept. 21, 1908
Holmes, F. E	Marion	Williamson	26	Apr. 16, 1912
Holstine, B. E	Georgetown	Vermilion	41	June 16, 1913
Hood, Albert E	Marion	Williamson	29	Oct. 12, 1914
Hood, John	Divernon	Sangamon	33	July 31, 1905
Hooper, Geo	Winchester	Scott	39	Nov. 25, 1901
Hope, George	Johnston City	Williamson	34	Jan. 6, 1913
Hope, George	..do	..do	28	Mar. 25, 1907
Hope, John	Danville	Vermilion	35	Sept. 8, 1913
Hopkins, David	Willisville	Perry	32	Mar. 25, 1907
Hopkins, John	Harrisburg	Saline	35	Feb. 13, 1911
Hopkins, Reese	Litchfield	Montgomery	45	July 25, 1899
Hopkins, Reese	..do	..do	45	Nov. 18, 1895
Hornanor, Paul†	Lincoln	Logan	32	May 16, 1896
Horner, Fred	Sandoval	Marion	23	Jan. 8, 1906
Horning, E. E	Harrisburg	Saline	30	Nov. 14, 1904
Hotniz, Alexander	Edwardsville	Madison	21	Jan. 14, 1907
Hougland, John	Tilden	Randolph	25	Feb. 15, 1909
Houston, Robert J	Lebanon	St. Clair	23	Mar. 11, 1901
Howells, George	Staunton	Macoupin	47	Dec. 6, 1898
Howells, George	..do	..do	47	July 25, 1899
Howells, John	Carterville	Williamson	29	Dec. 14, 1903
Howells, John W	Staunton	Macoupin	25	Mar. 25, 1907
Howells, Robert	Herrin	Williamson	24	Jan. 10, 1916
Hoye, James P	Streator	LaSalle	22	Apr. 27, 1908
Hoye, John	So. Wilmington	Grundy	50	July 12, 1909
Hoye, S. D	Christopher	Franklin	35	Jan. 6, 1913
Hoye, Wm	Braidwood	Will	36	July 13, 18·7
Hudson, Wallace L	Carterville	Williamson	37	Apr. 14, 1913
Huggins, Abijah	Duquoin	Perry	39	Apr. 14, 1913
Hughes, Frank P	Kangley	LaSalle	29	June 24. 1907

Mine Examiners—Continued.

Name.	Post office.	County.	Age.	Date of examination.
Hughes, John	Johnston City	Williamson	39	Feb. 9, 1914
Hughes, John†	Decatur	Macon	47	Nov. 18, 1895
Hughes, John	..do	..do	53	Nov. 25, 1901
Huml, Frank	Hillsboro	Montgomery	27	Apr. 10, 1911
Humphreys, Wm†	Clark City	Kankakee	32	Feb. 20, 1896
Hunsaker, Jesse	Harrisburg	Saline	24	Nov. 11, 1912
Hunsinger, Edmund	Staunton	Macoupin	29	July 10, 1911
Hunter, Thos. A	Witt	Montgomery	30	Apr. 14, 1913
Hutchcraft, H. S	Carterville	Williamson	44	Nov. 20, 1911
Hutchinson, Ralph	Barclay	Sangamon	44	June 24, 1901
Hutton, John	Auburn	..do	56	Nov. 30, 1908
Huyett, Lester	Farmington	Fulton	29	Sept. 21, 1908
Hynes, John T	Canton	..do	41	Oct. 11, 1915*
Idle, Hiram	Farmington	..do	40	Apr. 16, 1906
Ingerski, Stock B	Minonk	Woodford	31	Jan. 14, 1907
Innis, Andrew	Gillespie	Macoupin	30	June 16, 1913
Isler, Henry M	Belleville	St. Clair	25	July 16, 1906
Ivers, Daniel	Mt. Olive	Macoupin	46	June 13, 1904
Izatt, George	Springfield	Sangamon	33	Jan. 15, 1912
Jackson, Benj	Norris	Fulton	47	Aug. 12, 1907
Jackson, Charles	Harrisburg	Saline	34	Feb. 13, 1911
Jackson, Charles R	Girard	Macoupin	30	June 14, 1914
Jackson, D. F	Mt. Olive	..do	31	July 16, 1906
Jackson, E. W	Christopher	Franklin	32	Aug. 12, 1907
Jackson, Henry	Sesser	..do	43	May 15, 1916
Jackson, John	Marion	Williamson	51	Apr. 27, 1903
Jackson, Thomas	Cable	Mercer	50	Mar. 25, 1907
Jacobs, George A	Harrisburg	Saline	28	Apr. 16, 1906
Jacobs, L. E	Herrin	Williamson	40	Nov. 1, 1909
Jacobs, Walter	Johnston City	..do	27	Mar. 13, 1905
Jacobs, W. A	..do	..do	55	Nov. 20, 1911
Jacques, Charles	Riverton	Sangamon	35	Aug. 15, 1904
Jakonbek, Anthony F	Belleville	St. Clair	28	Jan. 6, 1913
Jakonbek, Charles B	..do	..do	26	Feb. 9, 1914
James, Jona	Grape Creek	Vermilion	60	Oct. 21, 1895
James, Walter	Divernon	Sangamon	26	Apr. 16, 1906
Jannessa, Frank	Sherman	..do	22	Feb. 8, 1915
Jansen, August	Breese	Clinton	30	Dec. 2, 1907
Jarrard, John	Johnston City	Williamson	33	Jan. 14, 1907
Jarrell, Edward	Harrisburg	Saline	32	Nov. 14, 1904
Jasper, John	Duquoin	Perry	45	May 21, 1900
Jayne, Richard	Cuba	Fulton	60	Aug. 15, 1910
Jefford, Thos. H., Jr	Glasford	Peoria	42	Nov. 30, 1908
Jeffrey, John	Murphysboro	Jackson	29	July 16, 1906
Jeffreys, John T	Herrin	Williamson	36	Nov. 20, 1911
Jeffreys, Thomas R	..do	..do	49	Jan. 16, 1905
Jenkens, A. J	Peoria	Peoria	54	Nov. 30, 1908
Jenkins, Richard	LaSalle	LaSalle	66	Apr. 9, 1906
Jenkins, Richard†	..do	..do	63	Feb. 20, 1896
Jenkins, T. C	Murphysboro	Jackson	49	Nov. 23, 1896
Jenkins, Wm. H	Staunton	Macoupin	49	Dec. 2, 1907
Jennings, Wm	Athens	Menard	42	Oct. 21, 1895
Jerdon, Otto	Herrin	Williamson	21	Feb. 17, 1908
Jeremiah, John J	Duquoin	Perry	23	July 31, 1905
Jeten, T. F	Roanoke	Woodford	26	Nov. 23, 1896
Johnson, David	Oglesby	LaSalle	27	June 7, 1898
Johnson, James N	Carterville	Williamson	36	Dec. 10, 1900
Johnson, J. L	Auburn	Sangamon	40	Jan. 10, 1916
Johnson, Joseph W	Murphysboro	Jackson	29	July 10, 1911
Johnson, Nels	Johnston City	Williamson	34	Jan. 16, 1905
Johnson, Peter J	Pekin	Tazewell	45	July 27, 1908
Johnson, T. W	Carriers Mills	Saline	33	Nov. 1, 1909
Johnston, John N	Reeves	Williamson	50	Mar. 25, 1907
Johnston, Samuel	Oglesby	LaSalle	30	Feb. 20, 1896
Jones, Alex	..do	..do	26	Apr. 27, 1903
Jones, Benjamin J	Coffeen	Montgomery	48	*Sept. 12, 1899
Jones, Ben J	..do	..do	48	Nov. 18, 1895
Jones, David L., Jr	Taylorville	Christian	23	Nov. 30, 1908
Jones, David T	Westville	Vermilion	36	Nov. 14, 1904
Jones, David W	Sparta	Randolph	28	May 15, 1916
Jones, E. P	..do	..do	28	Jan. 17, 1910
Jones, John	Springfield	Sangamon	48	Aug. 6, 1900
Jones, John	Clark City	Kankakee	42	Aug. 15, 1904
Jones, John E	Paisley	Montgomery	21	Jan. 16, 1905

Mine Examiners—Continued.

Name.	Post office.	County.	Age.	Date of examination.
Jones, John O	Braceville	Grundy	56	Nov. 14, 1904
Jones, Morgan	Litchfield	Montgomery	35	Nov. 18, 1895
Jones, Robert R	Oglesby	LaSalle	22	Mar. 11, 1901
Jones, Thomas	Taylorville	Christian	30	Aug. 15, 1904
Jones, Thomas	Duquoin	Perry	32	July 31, 1905
Jones, Thomas	Lebanon	St. Clair	43	Feb. 12, 1900
Jones, Thomas H	Centralia	Marion	27	Mar. 13, 1905
Jones, T. B	Pawnee	Sangamon	36	Apr. 11, 1910
Jones, Wm. A	Taylorville	Christian	32	Jan. 6, 1913
Jones, William H	Catlin	Vermilion	35	Mar. 11, 1901
Jones, Willis	Herrin	Williamson	34	Oct. 15, 1900
Jordan, Alfred	St. David	Fulton	44	Nov. 14, 1904
Jordan, Robert	Streator	LaSalle	41	July 13, 1897
Jourdain, Raymond	Springfield	Sangamon	34	July 27, 1908
Joyce, Peter	..do	..do	27	June 16, 1913
Justus, H. R	Canton	Fulton	40	Apr. 14, 1913
Kaiser, Frank	Belleville	St. Clair	33	Feb. 17, 1908
Kaltenbronn, Lawrence	New Baden	Clinton	23	Dec. 14, 1914
Kane, Frank	Murphysboro	Jackson	34	Nov. 1, 1909
Kane, John M	Springfield	Sangamon	40	Oct. 19, 1903
Kaney, John	Centralia	Marion	44	June 24, 1901
Karla, Gustav	Decatur	Macon	22	July 22, 1912
Karvelot, Albert	Collinsville	Madison	22	Apr. 14, 1913
Kasavage, Peter	Johnston City	Williamson	26	July 10, 1911
Kavency, John R	Troy	Madison	29	Mar. 11, 1901
Keating, John P	Streator	LaSalle	55	July 16, 1906
Keayes, Charles	Wesley City	Tazewell	28	Apr. 27, 1908
Keegan, Michael	Springfield	Sangamon	36	Apr. 20, 1914
Keenan, P. J	Streator	LaSalle	42	Oct. 12, 1914
Keinsbusch, David	Farmington	Fulton	24	Nov. 30, 1908
Kellett, J. F	Kincaid	Christian	23	Apr. 5, 1915
Kelley, James	Pana	..do	42	Apr. 12, 1909
Kelley, John	Maryville	Madison	37	Jan. 17, 1910
Kelley, Thomas E	Petersburg	Menard	37	Jan. 14, 1907
Kenny, William	Sparland	Marshall	31	Feb. 12, 1900
Kepper, William	Peru	LaSalle	56	Dec. 5, 1899
Kerchner, John	Belleville	St. Clair	33	July 16, 1906
Kerr, Daniel	Carterville	Williamson	37	Sept. 8, 1913
Kerr, George	Fairbury	Livingston	30	Jan. 14, 1907
Kidd, Samuel A	Oglesby	LaSalle	22	Oct. 19, 1903
Kidd, William	Witt	Montgomery	26	Nov. 13, 1905
Kilburn, Thomas	Virden	Macoupin	26	Jan. 17, 1910
Kilian, Charles J	Belleville	St. Clair	27	Jan. 14, 1907
Killingsworth, Chas. H	Pinckneyville	Perry	31	Oct. 15, 1900
Kimball, Ben	Zeigler	Franklin	30	Oct. 15, 1906
Kimmel Theodore	Hallidayboro	Jackson	36	June 24, 1907
King, Benson	Benton	Franklin	29	July 10, 1911
King, Fred	Springfield	Sangamon	35	Feb. 8, 1915
King, Lee	Edwardsville	Madison	37	Apr. 10, 1911
Kingsley, George	Kingston Mines	Peoria	34	Dec. 14, 1903
Kingsley, Theodore	..do	..do	52	Dec. 14, 1903
Kirkpatrick, Adam	Glen Carbon	Madison	36	Nov. 11, 1912
Klein, Andrew	Streator	LaSalle	23	July 31, 1905
Kleist, Theodore	Mt. Olive	Macoupin	29	July 16, 1906
Klingenfuss, Wm	Belleville	St. Clair	37	Apr. 16, 1906
Kloever, Mathew	Pana	Christian	52	Nov. 18, 1895
Kloever, Mathew	..do	..do	52	July 25, 1899
Knapp, Charles	Seatonville	Bureau	38	Sept. 26, 1899
Knapp, Jerome	Duquoin	Perry	38	Dec. 2, 1907
Kneper, David†	Girard	Macoupin	52	May 16, 1896
Knues, Harry	Breese	Clinton	22	Apr. 9, 1900
Knox, James	Steelton	Vermilion	48	Apr. 11, 1910
Koehler, Charles	Lincoln	Logan	35	Feb. 12, 1900
Koehler, Harry H	Peoria	Peoria	42	Apr. 20, 1914
Koepple, Rudolph	..do	..do	33	Apr. 11, 1910
Kohers, Adam	Breese	Clinton	38	Feb. 12, 1900
Kolkmann, Gustav	Marissa	St. Clair	30	Apr. 9, 1900
Kopp, August†	Girard	Macoupin	32	May 16, 1896
Kortkamp, Carl†	Hillsboro	Montgomery	46	May 16, 1896
Kortkamp, Karl	..do	..do	50	Feb. 12, 1900
Kortkamp, Lewis†	..do	..do	39	May 16, 1896
Kortkamp, Louis	..do	..do	43	Feb. 12, 1900
Kosesky, Able S	LaSalle	LaSalle	29	Nov. 14, 1904
Kovich, Matt	Farmington	Fulton	27	Feb. 15, 1909
Krallman, Charles	Glen Carbon	Madison	36	Oct. 15, 1906

MINE EXAMINERS—Continued.

Name.	Post office.	County.	Age.	Date of examination.
Kramer, Frederick	Centralia	Marion	39	Sept. 26, 1899
Kramer, Leo	Mt. Olive	Macoupin	29	Nov. 14, 1904
Kreivenas, Wm. S	Westville	Vermilion	41	Dec. 15, 1913
Kreppert, William	Springfield	Sangamon	40	Sept. 22, 1902
Krumeich, John A	Glen Carbon	Madison	21	Jan. 14, 1907
Krump, Charles	Lebanon	St. Clair	31	July 20, 1903
Kuehnel, August	Braceville	Grundy	40	Nov. 14, 1904
Kuepper, Hubert A	Gillespie	Macoupin	22	Oct. 24, 1910
Kunkle, Edward	Middletown	Logan	36	Apr. 16, 1906
Kurtz, Clyde C	Collinsville	Madison	23	Apr. 10, 1911
Kyonka, Charles	Staunton	Macoupin	28	June 15, 1915
Lacey, Hardie	Georgetown	Vermilion	30	Sept. 8, 1913
Lamb, George	Springfield	Sangamon	40	Oct. 15, 1900
Land, John	West Frankfort	Franklin	25	Oct. 24, 1910
Lane, James J	Benton	..do	35	July 12, 1909
Lannae, Frank	Worden	Madison	42	June 24, 1901
Lanxon, Walter	Belleville	St. Clair	30	Aug. 12, 1907
Larkowski, Charles	Glen Carbon	Madison	36	Jan. 6, 1913
Larrick, O. O	Divernon	Sangamon	35	Apr. 16, 1906
Larson, Edward H	Percy	Randolph	24	Nov. 30, 1908
Larson, Victor	Ladd	Bureau	36	Apr. 12, 1909
Lasley, William	Hallidayboro	Jackson	24	Aug. 6, 1900
Laster, W. P	Harrisburg	Saline	26	Feb. 15, 1909
Lauder, Frank	Carterville	Williamson	22	Nov. 13, 1905
Laughron, Edward	Johnston City	..do	39	Jan. 16, 1905
Lawless, Thomas	Springfield	Sangamon	26	Jan. 17, 1910
Lawrence, Geo. P	Springvalley	Bureau	36	Mar. 25, 1907
Lawson, Arthur	Edwardsville	Madison	36	Nov. 13, 1905
Lawson, John	Cable	Mercer	40	Aug. 6, 1900
Lawson, Thomas	Lake Creek	Williamson	24	July 25, 1899
Lawson, Thomas	..do	..do	24	Aug. 26, 1896
Leach, John	Auburn	Sangamon	24	Mar. 13, 1905
League, Albert	New Baden	Clinton	33	Feb. 17, 1908
Ledford, Seigel	Ledford	Saline	25	Oct. 19, 1903
Lee, John J	Belleville	St. Clair	26	July 27, 1908
Lehwald, Herman A	Springfield	Sangamon	28	Feb. 12, 1900
Leight, Albert S	Benton	Franklin	36	Oct. 24, 1910
Lennox, John	Collinsville	Madison	34	Feb. 9, 1914
Lenzine, Joseph P	Centralia	Marion	25	Jan. 10, 1916
Leonard, John	Christopher	Franklin	32	Feb. 9, 1914
Lettsome, Enoch	Marseilles	LaSalle	50	May 15, 1916
Lettsome, Wm	Seneca	..do	56	Aug. 26, 1896
Lever, Eli	Glen Carbon	Madison	35	Nov. 11, 1912
Lewis, Arthur J	Troy	..do	22	June 24, 1907
Lewis, Edward†	Ladd	Bureau	50	May 16, 1896
Lindey, George	Farmington	Fulton	41	May 15, 1916
Lindsay, Ed. N	Crainville	Williamson	28	July 22, 1912
Lindsay, George	Springfield	Sangamon	28	July 12, 1909
Lindsay, John	Westville	Vermilion	36	Apr. 12, 1909
Linton, Quincy M	Gillespie	Macoupin	51	June 24, 1901
Lippert, Fred	Millstadt	St. Clair	28	Feb. 15, 1909
Little, Claude	Vandercook	Vermilion	31	Nov. 13, 1905
Little, Joseph M	Edwardsville	Madison	29	Apr. 10, 1911
Little, Wm	Herrin	Williamson	26	Nov. 13, 1905
Livingston, Robert	Springfield	Sangamon	32	Dec. 15, 1913
Lloyd, Rowland R	Barclay	..do	35	Sept. 26, 1899
Lobenot, John	Collinsville	Madison	21	Apr. 16, 1912
Lockard, M. J	Tower Hill	Shelby	33	Jan. 14, 1907
Lockhard, James M	Sunfield	Perry	34	Sept. 23, 1901
Locklar, And	West Frankfort	Franklin	23	Nov. 11, 1912
Loeffler, Anton	LaSalle	LaSalle	34	Nov. 14, 1904
Loeffler, Henry S	Belleville	St. Clair	34	Feb. 8, 1915
Loescher, Charles B	Mt. Olive	Macoupin	22	Mar. 25, 1907
Lofley, Charles	Canton	Fulton	59	Oct. 15, 1906
Londrigan, Joseph	Springfield	Sangamon	32	Nov. 30, 1908
Long, Earl	Benton	Franklin	23	Feb. 8, 1915
Long, J. W	Norris	Fulton	41	Aug. 12, 1907
Longshore, Harry A	Duquoin	Perry	41	Apr. 9, 1900
Lordan, Michael	Centralia	Marion	41	June 16, 1902
Lore, William	Springfield	Sangamon	35	June 13, 1904
Lorrison, Wm. H	Harrisburg	Saline	35	Dec. 19, 1910
Love, Claude	Farmington	Fulton	24	Nov. 30, 1908
Love, James	Herrin	Williamson	36	Mar. 25, 1907
Lowes, John	Benton	Franklin	40	Dec. 2, 1907
Ludwig, William	Westville	Vermilion	51	June 27, 1910

Mine Examiners—Continued.

Name.	Post office.	County.	Age.	Date of examination.
Luke, George N	Benton	Franklin	30	Jan. 10, 1916
Lumaghi, Louis F	Collinsville	Madison	35	Nov. 23, 1896
Luther, John W	Wasson	Saline	35	Sept. 8, 1913
Luttrell, Thomas	Eldorado	..do	48	June 16, 1913
Lyons, Mark	Lincoln	Logan	26	May 16, 1896
Lyons, William	Gillespie	Macoupin	34	Apr. 14, 1913
McAdams, Joe	Pana	Christian	35	Jan. 8, 1906
McAleney, Edward	Springfield	Sangamon	35	Dec. 2, 1907
McAlpin, W. H	Marion	Williamson	36	July 27, 1908
McBride, George	Mascoutah	St. Clair	31	Apr. 9, 1900
McCall, James	Thayer	Sangamon	25	Feb. 15, 1909
McCall, Maurice R	Odin	Marion	22	June 24, 1901
McCann, Daniel	Springfield	Sangamon	44	Oct. 12, 1914
McCarnes, Henry	Marissa	St. Clair	27	Jan. 14, 1907
McCarnes, Robert	West Frankfort	Franklin	23	Sept. 8, 1913
McCarty, A. B	Riverton	Sangamon	43	Sept. 8, 1913
McConkey, Geo	Marion	Williamson	36	Apr. 27, 1908
McCormick, Robert	Maryville	Madison	34	Feb. 8, 1915
McCranor, James	Girard	Macoupin	53	May 16, 1896
McCray, Robert	Blue Mound	Macon	49	Feb. 15, 1909
McCrindle, David	Oglesby	LaSalle	33	Feb. 20, 1896
McCullister, William	Thayer	Sangamon	23	Apr. 12, 1909
McCullough, R. W	Mapleton	Peoria	36	Dec. 15, 1913
McDade, David	Edwardsville	Madison	25	July 31, 1905
McDill, James	Assumption	Christian	34	Feb. 28, 1899
McDonald, Adam S	Dalzell	Bureau	25	Jan. 16, 1905
McDonald, Archibald	Westville	Vermilion	40	Nov. 14, 1904
McDonald, Mike	..do	..do	46	Sept. 8, 1913
McDonald, M. E.†	LaSalle	LaSalle	36	Oct. 21, 1895
McDonald, Patrick	Westville	Vermilion	40	Nov. 20, 1911
McDonald, Robert	Dalzell	Bureau	22	Sept. 21, 1908
McDonald, Wm	Braidwood	Will	41	Nov. 23, 1896
McDowell, Wm	Herrin	Williamson	33	Feb. 15, 1909
McEwan, John	Benld	Macoupin	36	Feb. 15, 1909
McEwen, Chas	Carbon Hill	Grundy	39	Feb. 20, 1896
McFadden, William	Danville	Vermilion	40	Nov. 14, 1904
McFall, John	Springfield	Sangamon	27	Feb. 12, 1900
McGarrity, John	..do	..do	48	Dec. 5, 1899
McGill, Daniel	Gillespie	Macoupin	38	May 15, 1916
McGill, Thomas	Lovington	Moultrie	32	Apr. 16, 1912
McGinnes, Edward	Beckemeyer	Clinton	35	Feb. 9, 1914
McGittigan, Thomas	O'Fallon	St. Clair	47	Jan. 15, 1912
McGurk, James	Staunton	Macoupin	28	Dec. 14, 1914
McGurk, John	..do	..do	34	June 16, 1913
McGurk, Samuel	..do	..do	25	June 16, 1913
McKenzie, Alexander C	Tanton	Fulton	61	Sept. 26, 1899
McKillop, Donald	Carbon Hill	Grundy	28	May 16, 1896
McKinley, David	Farmington	Fulton	41	Sept. 21, 1908
McKinney, Albert	Springfield	Sangamon	31	Jan. 8, 1906
McKinney, Frank L	Gillespie	Macoupin	27	Jan. 10, 1916
McKinney, Hugh	Springfield	Sangamon	57	Nov. 24, 1902
McLachlan, Alexander	..do	..do	30	June 13, 1904
McLachlan, John	..do	..do	26	June 13, 1904
McLaughlin, Henry T	Winchester	Scott	39	Aug. 12, 1907
McLaughlin, John P	Auburn	Sangamon	44	July 25, 1899
McLaughlin, Patrick	Chatham	..do	31	Aug. 15, 1904
McLaughlin, William	Duquoin	Perry	40	Oct. 15, 1900
McLean, Wm. F	Iles Junction	Sangamon	47	Oct. 15, 1900
McManaman, Edward	Westville	Vermilion	21	Feb. 22, 1904
McManaman, John	..do	..do	21	July 31, 1905
McManus, Charles	Worden	Madison	24	May 15, 1916
McManus, James	Assumption	Christian	46	Jan. 17, 1910
McMillan, James	Lincoln	Logan	37	Feb. 15, 1909
McMillan, John	Gillespie	Macoupin	23	July 27, 1908
McMurray, Dayton	Herrin	Williamson	23	June 16, 1913
McNally, Arthur	Wenona	Marshall	50	Oct. 15, 1906
McNamara, Michael	Pawnee	Sangamon	41	Feb. 9, 1914
McNeil, Charles	Harrisburg	Saline	36	June 27, 1910
McQuinn, Robert	Sunfield	Perry	34	Jan. 8, 1906
McRae, Roderick	Belleville	St. Clair	30	Apr. 16, 1906
McVey, G. R	Sorento	Bond	54	Jan. 8, 1906

Mine Examiners—Continued.

Name.	Post office.	County.	Age.	Date of examination.
Macke, Jacob T.	Ledford	Saline	21	Nov. 13, 1905
Madison, Joseph	Sherman	Sangamon	38	Jan. 14, 1907
Maggs, Jacob	Danville	Vermilion	41	May 16, 1896
Maggs, Jacob	..do	..do	41	July 25, 1899
Maher, Daniel	Springfield	Sangamon	44	Feb. 13, 1910
Maher, Edward	Lincoln	Logan	37	Feb. 17, 1908
Maitland, H. S.	Nashville	Washington	36	Apr. 16, 1906
Maitland, J. W.	Herrin	Williamson	33	Apr. 11, 1910
Malban, Samuel	Farmington	Fulton	25	Sept. 21, 1908
Malcor, Frank	Springfield	Sangamon	30	June 24, 1907
Malcor, Henry	Riverton	..do	31	June 13, 1904
Malcor, Joseph P.	Springvalley	Bureau	33	Nov. 13, 1905
Mallaburn, Edward	Herrin	Williamson	31	June 16, 1913
Manees, Charles	Centralia	Marion	28	May 21, 1900
Mann, Jacob	Mascoutah	St. Clair	27	Aug. 6, 1900
Mansker, L. L.	Tilden	Randolph	31	Feb. 15, 1909
Markel, Albert	Hillsboro	Montgomery	26	Feb. 22, 1904
Markham, John J.	Taylorville	Christian	40	Nov. 13, 1905
Marland, William	Staunton	Macoupin	33	Jan. 14, 1907
Marland, Wm.	Sparland	Marshall	48	Mar. 13, 1905
Marsteiner, J. J.	Tamaroa	Perry	58	Apr. 16, 1906
Martin, Charles	Springfield	Sangamon	29	Jan. 15, 1912
Martin, George	Clifford	Williamson	24	Jan. 6, 1913
Martin, Mathew	LaSalle	LaSalle	22	Jan. 17, 1910
Martin, Samuel	Glea Carbon	Madison	37	Apr. 9, 1900
Martin, Sherman	Harrisburg	Saline	39	Apr. 11, 1910
Martin, William	LaSalle	LaSalle	44	Sept. 23, 1901
Mason, Meyrick	..do	..do	35	Feb. 22, 1904
Massey, J. G.	Belleville	St. Clair	48	Nov. 18, 1895
Massie, Alfred N.	..do	..do	21	Apr. 14, 1902
Mathew, John I.	Riverton	Sangamon	42	Nov. 24, 1902
Maughan, William	Herrin	Williamson	46	Apr. 14, 1913
Maule, Eugene	Shiloh	St. Clair	27	July 10, 1911
Maxwell, William	Springvalley	Bureau	49	Apr. 16, 1912
Maxwell, William	Eldorado	Saline	27	Sept. 21, 1908
Mayhew, R. G.	Murphysboro	Jackson	48	Feb. 17, 1908
Maynard, Frank	Cuba	Fulton	35	June 14, 1914
Maynard, Thomas	Wanlock	Mercer	37	Aug. 15, 1904
Mayne, Thomas	Glen Carbon	Madison	40	Apr. 9, 1900
Meacham, H. A.	Harrisburg	Saline	27	Apr. 11, 1910
Medill, Robert M.	Westville	Vermilion	26	Feb. 15, 1909
Medill, William	West Frankfort	Franklin	26	Oct. 24, 1910
Mee, James	Springvalley	Bureau	23	Nov. 13, 1905
Mee, Peter J.	..do	..do	27	Jan. 16, 1905
Mellish, Thomas	Thayer	Sangamon	37	June 16, 1913
Menzel, Oscar	Lincoln	Logan	23	July 12, 1909
Meredith, David	Herrin	Williamson	44	Oct. 12, 1914
Merel, Benjamin	Sandoval	Marion	36	Feb. 22, 1904
Metz, William F.	Willisville	Perry	41	Feb. 13, 1911
Meyer, Bruno	Staunton	Macoupin	23	Oct. 19, 1903
Meyer, Henry	Belleville	St. Clair	32	Apr. 14, 1913
Meyer, John	Gillespie	Macoupin	28	Feb. 13, 1911
Meyer, Louis	Breese	Clinton	51	July 25, 1899
Michelson, Thomas	Sunfield	Perry	24	Feb. 15, 1909
Middleton, J. L.	Salem	Marion	42	Sept. 13, 1898
Midgett, Jesse	Hallidayboro	Jackson	22	Apr. 27, 1903
Milan, Thomas H.	Galesburg	Knox	43	May 15, 1916
Milenky, Michael	Mt. Olive	Macoupin	28	Jan. 14, 1907
Miles, E. E.	Centralia	Marion	25	Nov. 14, 1904
Milfs, G. J.	New Douglas	Madison	38	July 16, 1906
Miller, Albert	Glen Carbon	..do	29	Mar. 25, 1907
Miller, Alexander	Ridge Prairie	St. Clair	33	Sept. 13, 1898
Miller, Charles	Glen Carbon	Madison	45	Apr. 27, 1903
Miller, Charles H.	..do	..do	27	Mar. 25, 1907
Miller, G. W.	Pawnee	Sangamon	42	June 6, 1899
Miller, James	Edwardsville	Madison	29	June 24, 1907
Miller, John K.	Staunton	Macoupin	41	Apr. 14, 1902
Miller, J. S.	Gillespie	..do	38	Jan. 14, 1907
Miller, O. D.	Catlin	Vermilion	42	Jan. 17, 1910
Miller, W. W.	Lincoln	Logan	32	Nov. 14, 1904
Millett, John	Collinsville	Madison	24	Apr. 16, 1906
Millett, Thomas	Troy	..do	24	July 25, 1899
Mitchell, Andrew	Johnston City	Williamson	47	July 31, 1905
Mitchell, D. W.	Royalton	Franklin	26	Dec. 14, 1914
Mitchell, Elijah R.	Farmington	Fulton	26	Dec. 10, 1900
Mitchell, Selz	Marissa	St. Clair	31	Jan. 14, 1907

Mine Examiners—Continued.

Name.	Post office.	County.	Age.	Date of examination.
Mitchell, Thomas	Duquoin	Perry	57	Oct. 19, 1903
Mitchinson, John	Hanna City	Peoria	54	June 24, 1901
Moffatt, Abe S	Sparta	Randolph	24	July 20, 1903
Moffett, Edward A.†	Bartonville	Peoria	33	Oct. 21, 1895
Molloy, John	Blue Mound	Macon	31	Jan. 16, 1905
Monahan, Ed. B	Divernon	Sangamon	35	Sept. 8, 1913
Monahan, Pat	Springfield	..do	34	Feb. 13, 1911
Monghan, T. P	..do	..do	28	Sept. 26, 1899
Monroe, Harry R	Grayson	Saline	33	Jan. 10, 1916
Monroe, W. R	Carriers Mills	..do	27	Mar. 25, 1907
Monson, Charles	Springfield	Sangamon	48	Aug. 6, 1900
Montieth, Clarence E	Willisville	Perry	25	Apr. 10, 1911
Montgomery, Wm	Harrisburg	Saline	36	July 20, 1903
Montjoy, John H.†	Gardner	Grundy	56	Oct. 21, 1895
Montjoy, John H	Clark City	Kankakee	60	Feb. 12, 1900
Mooney, Arthur†	Kangley	LaSalle	43	Nov. 18, 1895
Mooney, Arthur	Chatham	Sangamon	55	*Feb. 19, 1907
Moorcroft, Thos	Farmington	Fulton	25	Jan. 8, 1906
Moore, Charles	Herrin	Williamson	23	Nov. 20, 1911
Moore, Wm. A	Springfield	Sangamon	27	Mar. 13, 1905
Moran, Patrick	Marquette	Bureau	58	July 27, 1908
Moran, Thomas J	Assumption	Christian	22	Feb. 12, 1900
Morfell, Fred	LaSalle	LaSalle	34	June 13, 1904
Morgan, David E	Springfield	Sangamon	49	Feb. 12, 1900
Morgan, Edward	Sherrard	Mercer	59	Apr. 11, 1910
Morgan, E. T	Georgetown	Vermilion	46	July 25, 1899
Morgan, E. T.†	..do	..do	46	Feb. 28, 1899
Morgan, Geo. I	Glen Carbon	Madison	33	Dec. 2, 1907
Morgan, Joseph	Streator	LaSalle	47	July 13, 1897
Mornin, W. M	Herrin	Williamson	39	Nov. 13, 1905
Mornko, Peter	Glen Carbon	Madison	29	Feb. 12, 1900
Morris, Earl	Duquoin	Perry	23	Nov. 30, 1908
Morris, James P	Centralia	Marion	46	June 24, 1901
Morris, John H	Wenona	Marshall	43	July 13, 1897
Morris, John T	Harrisburg	Saline	28	Apr. 16, 1906
Morris, W. J	Dorrisville	..do	39	July 22, 1912
Morton, Luther	Reeves	Williamson	26	Jan. 14, 1907
Moses, John L	Johnston City	..do	43	June 13, 1904
Mosimann, Fred	Troy	Madison	23	Feb. 17, 1908
Moss, Thomas, Jr	Livingston	..do	31	Jan. 8, 1906
Moss, Thomas	Staunton	Macoupin	41	Dec. 6, 1898
Moughan, John J	Springfield	Sangamon	24	Jan. 16, 1905
Mowatt, Amos J	Glen Carbon	Madison	30	Apr. 14, 1913
Mueller, Henry C	Mt. Olive	Macoupin	31	Jan. 6, 1913
Muentrick, John	Staunton	..do	49	July 25, 1899
Muentrick, J	..do	..do	46	Nov. 18, 1895
Muhs, Joseph	Belleville	St. Clair	24	July 16, 1906
Muir, Andrew	Springfield	Sangamon	32	Nov. 23, 1896
Mulholland, Joseph	..do	..do	38	June 13, 1904
Mullage, Joseph	Worden	Madison	36	Apr. 27, 1903
Mullholland, Peter	Bissell	Sangamon	29	Feb. 22, 1904
Mulligan, Edward	Farmington	Fulton	32	Apr. 27, 1908
Mulligan, Thomas	Springfield	Sangamon	22	Nov. 30, 1908
Muncie, John	Virden	Macoupin	35	July 12, 1909
Munster, James	Muncie	Vermilion	34	Nov. 24, 1902
Murphy, C. H	Canton	Fulton	36	Feb. 15, 1909
Murphy, John	Braidwood	Will	43	July 13, 1897
Murphy, J. J	London Mills	Fulton	42	July 12, 1909
Murphy, Michael	Pana	Christian	42	Aug. 15, 1904
Murphy, Peter	Hillsboro	Montgomery	43	June 24, 1907
Murray, James	Auburn	Sangamon	28	June 24, 1907
Murray, John	Harrisburg	Saline	34	Apr. 10, 1911
Murrell, William	Westville	Vermilion	38	July 20, 1903
Muskopf, Gustave	Belleville	St. Clair	26	Apr. 20, 1914
Myers, Isaac	Harrisburg	Saline	33	Aug. 15, 1904
Myers, William C	Coulterville	Randolph	31	Feb. 13, 1911
Nation, Henry C	Glen Carbon	Madison	25	Feb. 12, 1900
Nation, Thomas C	Equality	Gallatin	52	Nov. 20, 1911
Naylor, Thomas W	Glen Carbon	Madison	34	Oct. 19, 1903
Nealson, Robert	Herrin	Williamson	46	Jan. 15, 1912
Neil, Archy	Spaulding	Sangamon	52	Dec. 14, 1903
Neil, Edward O	Walcott	Peoria	56	Dec. 10, 1900
Neil, Fred C	Gillespie	Macoupin	21	Dec. 14, 1903
Neil, Warren	Danville	Vermilion	32	July 20, 1903
Nelmes, William	St. David	Fulton	61	Nov. 25, 1901

MINE EXAMINERS—Continued.

Name.	Post office.	County.	Age.	Date of examination.
Nelson, David	Westville	Vermilion	27	Dec. 15, 1913
Nelson, Robert	Springfield	Sangamon	35	June 27, 1910
Nelson, Wm. B	Belleville	St. Clair	27	July 12, 1909
Nesbit, Charles L	Freeburg	..do	33	Feb. 12, 1900
Nesbit, William	Belleville	..do	40	Sept. 21, 1908
Nesbit, William	Farmington	Fulton	59	July 12, 1909
Nestler, Max	Ladd	Bureau	22	Apr. 11, 1910
Nestler, Wm	Springvalley	..do	23	July 16, 1906
Neubauer, Julius	Troy	Madison	29	Nov. 14, 1904
Newton, Walter	Springvalley	Bureau	21	Apr. 16, 1906
Neylon, Dennie	Selbytown	Sangamon	31	June 24, 1901
Nichelson, George	Tower Hill	Shelby	43	Apr. 17, 1905
Nicholas, Walter	Benton	Franklin	42	Dec. 2, 1907
Nicholas, Walter	..do	..do	32	Nov. 30, 1908
Nicholson, John, Jr	Springfield	Sangamon	35	Jan. 15, 1912
Nixon, Robert	Streator	LaSalle	40	May 16, 1896
Noel, Archie N	Harrisburg	Saline	26	Oct. 11, 1915
Noel, John T	Bartonville	Peoria	34	Apr. 11, 1910
Noll, Charles	Springfield	Sangamon	40	Sept. 26, 1899
Noll, Peter	Belleville	St. Clair	31	Feb. 12, 1900
Nordine, John	Bloomington	McLean	45	June 13, 1904
Nordman, Ferdinand	Breese	Clinton	28	Apr. 9, 1900
Nordman, Joseph	..do	..do	21	Jan. 14, 1907
Nordner, C. K	Athens	Menard	34	Sept. 13, 1897
Norman, A. E	Oglesby	LaSalle	46	Apr. 10, 1911
North, J. M	Cutler	Perry	39	Apr. 14, 1913
Norton, Wm	Glen Carbon	Madison	29	Mar. 25, 1907
Novak, Peter	Minonk	Woodford	35	July 16, 1906
Nuttall, J. F	Athens	Menard	42	Jan. 14, 1907
Nye, Charles L	Decatur	Macon	35	July 20, 1903
O'Brien, Thomas	LaSalle	LaSalle	41	Aug. 15, 1904
O'Connor, Henry	Springvalley	Bureau	23	Mar. 25, 1907
O'Connor, Patrick F	Paisley	Montgomery	38	Apr. 9, 1900
Odum, Wiley	Harrisburg	Saline	47	Aug. 15, 1904
Oettel, Paul	Glen Carbon	Madison	22	Apr. 10, 1911
Oexner, Frank	Belleville	St. Clair	25	Oct. 15, 1906
Ogles, Virgil	Marissa	..do	27	Jan. 14, 1907
O'Leary, Thomas	Marquette	Bureau	28	June 27, 1910
Olive, Wm	Maryville	Madison	27	Aug. 12, 1907
Olroyd, Peter W	Westville	Vermilion	24	July 25, 1899
Olroyd, Peter W	..do	..do	24	Feb. 28, 1899
Olson, John	Danville	..do	47	Apr. 16, 1906
O'Neil, John	Germantown	Clinton	41	June 13, 1904
Opp, Sherman W	Sandoval	Marion	33	Nov. 18, 1895
Opp, Sherman W	..do	..do	33	*Sept. 12, 1899
Opp, W. H	Percy	Randolph	34	June 16, 1913
Ormiston, John	Harrisburg	Saline	55	Apr. 16, 1906
O'Rourke, John	Westville	Vermilion	40	June 16, 1913
Osborne, John	Springvalley	Bureau	47	Apr. 16, 1912
Overby, Jack	Staunton	Macoupin	25	Sept. 8, 1913
Owens, Evan	Belleville	St. Clair	33	July 25, 1899
Oyes, Frank	Kangley	LaSalle	28	Sept. 21, 1908
Paden, John W	Stonington	Christian	37	Feb. 9, 1914
Palecek, Wm	Collinsville	Madison	22	Apr. 16, 1906
Palmer, Joshua	Harrisburg	Saline	23	Apr. 16, 1912
Parker, Joseph	Carbon Hill	Grundy	42	Apr. 14, 1902
Parker, Will C	Harrisburg	Saline	39	Jan. 8, 1906
Parker, W. H	Sesser	Franklin	52	June 27, 1910
Parkerson, W. A	Herrin	Williamson	33	Feb. 17, 1908
Parkinson, Benj	Rutland	LaSalle	36	Dec. 19, 1910
Parris, R. H	Herrin	Williamson	33	Feb. 8, 1915
Parson, Wilson	Christopher	Franklin	47	Sept. 8, 1913
Pascoe, James H	Belleville	St. Clair	32	July 27, 1908
Pass, James C	Odin	Marion	31	Mar. 7, 1916
Passent, W. C	Ellisville	Fulton	24	June 27, 1910
Patton, George A	Sandoval	Marion	36	Jan. 16, 1905
Paul, John	Marion	Williamson	31	Sept. 21, 1908
Paul, Thos. W	..do	..do	31	Sept. 21, 1908
Payne, Emanuel	Litchfield	Montgomery	26	*Sept. 12, 1899
Payne, Emanuel	..do	..do	26	Sept. 13, 1898
Payne, Henry	..do	..do	28	Feb. 12, 1900
Payne, William	Decatur	Macon	37	Jan. 17, 1910
Peace, Joseph	Caseyville	St. Clair	42	Nov. 11, 1912
Peacock, Thomas	Thayer	Sangamon	38	June 27, 1910

Mine Examiners—Continued.

Name.	Post office.	County.	Age.	Date of examination.
Pearson, George	Glen Carbon	Madison	37	Mar. 13, 1905
Pearson, Wm. T	Seatonville	Bureau	42	Nov. 11, 1912
Peart, John, Jr	South Wilmington	Grundy	31	Jan. 8, 1906
Peart, John	Braidwood	Will	50	July 13, 1897
Peck, William	LaSalle	LaSalle	47	Mar. 13, 1905
Peddie, Fred	Pawnee	Sangamon	31	Apr. 11, 1910
Peek, R. J	Girard	Macoupin	49	July 22, 1912
Percy, Robert	Tilden	Randolph	46	Feb. 22, 1904
Peters, Benjamin	Streator	LaSalle	35	Oct. 15, 1906
Peterson, Chas. H	Belleville	St. Clair	28	Apr. 5, 1915
Peterson, Ira	Anchor	McLean	30	Dec. 19, 1910
Petrie, George L	Pekin	Tazewell	36	Apr. 16, 1906
Petrie, Joseph	Belleville	St. Clair	26	Oct. 15, 1906
Pettigrew, Alexander	Roanoke	Woodford	26	July 20, 1903
Pettigrew, John	..do	..do	58	Oct. 19, 1903
Pettigrew, Robert	..do	..do	22	Feb. 22, 1904
Petty, John	Herrin	Williamson	35	Nov. 13, 1905
Phelan, Augusta J	Lincoln	Logan	39	July 31, 1905
Phelps, George	Herrin	Williamson	29	Dec. 10, 1900
Phillips, Ben	Kangley	LaSalle	33	*Mar. 8, 1897
Phillips, Benjamin	..do	..do	33	July 25, 1899
Phillips, Daniel	Springvalley	Bureau	50	Mar. 25, 1907
Phillips, George	..do	..do	25	July 22, 1912
Phillips, Ralph	Livingston	Madison	39	Apr. 12, 1909
Phillips, Wm. C	Streator	LaSalle	32	Mar. 25, 1907
Pick, Edward	Central City	Marion	30	May 16, 1896
Pickering, John L	Harrisburg	Saline	41	Nov. 14, 1904
Pickett, J. W	Springvalley	Bureau	39	Aug. 15, 1904
Pickon, Felix	Danville	Vermilion	29	Oct. 19, 1903
Pickus, August	Decatur	Macon	30	Jan. 16, 1905
Picton, John W	Farmington	Fulton	38	Apr. 9, 1900
Pierard, Edward	Coal City	Grundy	27	Dec. 10, 1900
Pinson, Samuel	Coffeen	Montgomery	37	Jan. 20, 1902
Pittman, M. F	Carterville	Williamson	29	July 10, 1911
Pleschner, Oscar J	Westville	Vermilion	24	June 24, 1907
Plumier, Albert J	Ladd	Bureau	43	Aug. 12, 1907
Plumlee, Arthur	Duquoin	Perry	26	Oct. 15, 1906
Plumlee, Ernest	..do	..do	22	Apr. 12, 1909
Pokorski, Jack	Lincoln	Logan	28	Apr. 12, 1909
Poole, Robert H	Edinburg	Christian	36	Apr. 9, 1900
Potter, Edward	Hanna City	Peoria	33	July 20, 1903
Potter, Edward	Virden	Macoupin	39	Dec. 5, 1899
Powell, Daniel	Murphysboro	Jackson	27	Jan. 8, 1906
Powell, James	Mt. Olive	Macoupin	27	Feb. 15, 1909
Prankie, A. H	Pana	Christian	34	Jan. 8, 1906
Preval, Fred	Springfield	Sangamon	43	Sept. 23, 1901
Price, Evan	West Frankfort	Franklin	48	July 22, 1912
Price, Fred W	Centralia	Marion	32	Nov. 14, 1904
Price, Isaac	St. David	Fulton	52	July 12, 1909
Price, John B	Marissa	St. Clair	32	Apr. 9, 1900
Price, William	Braceville	Grundy	47	Dec. 14, 1903
Pricco, Andrew	Springvalley	Bureau	21	June 27, 1910
Priddy, Mike	Herrin	Williamson	25	July 10, 1911
Prince, Thomas	Mt. Olive	Macoupin	33	Aug. 26, 1896
Prosser, Morgan	Livingston	Madison	53	Oct. 15, 1906
Prudent, Edward	Centralia	Marion	27	Mar. 1, 1898
Pulliam, Ben	Nashville	Washington	33	June 21, 1907
Pulliam, Charles	Galatia	Saline	32	July 12, 1909
Pulliam, Joe	Carriers Mills	..do	26	Apr. 12, 1909
Purvis, Charles R	Odin	Marion	25	July 22, 1912
Quinn, Bernard	Bloomington	McLean	34	Oct. 21, 1895
Quinn, Thos. J	Lincoln	Logan	29	Nov. 13, 1905
Raab, Rudolph	Carlinville	Macoupin	33	Sept. 13, 1898
Race, George	Springfield	Sangamon	42	Aug. 6, 1900
Rackley, Emory	Pickneyville	Perry	34	Apr. 14, 1902
Rae, Robert	Carbon Hill	Grundy	38	*Mar. 8, 1897
Ragland, Geo. O	Reeves	Williamson	28	Nov. 1, 1909
Rains, R. L	Carterville	..do	26	June 16, 1913
Ralls, O. F	Herrin	..do	37	Jan. 15, 1912
Ramey, S. G	Harrisburg	Saline	47	Aug. 15, 1904
Ramsey, W. E	Reeves	Williamson	26	Apr. 12, 1909
Rance, Wm. F	Farmington	Fulton	27	Sept. 21, 1908
Randle, Wm	Belleville	St. Clair	21	Apr. 16, 1906
Rankin, Thomas A	Westville	Vermilion	39	June 6, 1899

Mine Examiners—Continued.

Name.	Post office.	County.	Age.	Date of examination.
Rankin, Thomas A	Westville	Vermilion	39	July 25, 1899
Ready, Thomas	Springfield	Sangamon	44	July 25, 1899
Reagan, Dan	Centralia	Marion	21	Nov. 11, 1912
Reavley, George W	Riverton	Sangamon	24	Dec. 14, 1903
Redpath, S. E	Mechanicsburg	..do	33	July 27, 1908
Reed, Albert	Braidwood	Will	21	Jan. 14, 1907
Reed, James	Dunfermline	Fulton	49	Jan. 16, 1905
Reeland, John	Springvalley	Bureau	38	Jan. 17, 1910
Rees, Edwin	Gillespie	Macoupin	34	Apr. 11, 1910
Rees, George S	Springvalley	Bureau	42	Jan. 17, 1910
Rees, Henry	Lebanon	St. Clair	37	Jan. 8, 1906
Rees, L. M	Hallidayboro	Jackson	26	Apr. 27, 1908
Reeser, John	Springfield	Sangamon	38	July 31, 1905
Reig, Charles	Belleville	St. Clair	25	Feb. 12, 1900
Reid, Andrew, Jr	Springfield	Sangamon	22	Dec. 14, 1903
Remnison, Henry	St. John	Perry	41	May 16, 1896
Renter, Max	Staunton	Macoupin	26	Dec. 14, 1903
Retson, Hugh	Farmington	Fulton	62	Oct. 21, 1895
Revelle, M. A	Duquoin	Perry	31	Aug. 12, 1907
Reynolds, Andrew	Danville	Vermilion	42	Sept. 26, 1899
Reynolds, David	Muncie	..do	25	June 24, 1901
Reynolds, John	Streator	LaSalle	39	July 25, 1899
Reynolds, John	LaSalle	..do	38	Nov. 23, 1896
Reynolds, William	Girard	Macoupin	53	Jan. 17, 1910
Rhodes, D. R	Pana	Christian	53	Sept. 13, 1897
Rhodes, J. L	Westville	Vermilion	27	Sept. 13, 1897
Rice, John	Springfield	Sangamon	42	Apr. 27, 1903
Richards, James	Belleville	St. Clair	22	Feb. 12, 1900
Richards, James A	LaSalle	LaSalle	45	July 31, 1905
Richardson, Alexander	Carterville	Williamson	25	July 22, 1912
Richardson, Henry	Rend	Franklin	38	Apr. 10, 1911
Richardson, Richard	Carterville	Williamson	30	Nov. 20, 1911
Richardson, Thomas	Streator	LaSalle	39	Jan. 12, 1903
Richter, Franz B	Springfield	Sangamon	48	June 13, 1904
Rigby, John	Kingston Mines	Peoria	34	Apr. 27, 1908
Ritchie, John	Glen Carbon	Madison	23	Mar. 13, 1905
Robbins, Aaron	Mt. Pulaski	Logan	34	Sept. 26, 1899
Roberts, Evan	Danville	Vermilion	29	Sept. 26, 1899
Robertson, Alexander	Murphysboro	Jackson	33	Oct. 15, 1906
Robertson, R. W	Johnston City	Williamson	29	Dec. 2, 1907
Robinson, Charles	Benton	Franklin	27	May 15, 1916
Robinson, Eugene	Peoria	Peoria	26	Feb. 15, 1909
Robinson, Robert	Athens	Menard	35	Jan. 14, 1907
Robinson, Thomas J	Greenview	..do	48	Apr. 9, 1900
Roddy, James M	Springfield	Sangamon	39	Sept. 8, 1913
Rodenbush, Charles	West Frankfort	Franklin	22	Nov. 11, 1912
Rodger, James	Virden	Macoupin	48	Feb. 22, 1904
Rodger, Malcolm	Springfield	Sangamon	44	June 14, 1914
Roehl, Charles	Mt. Olive	Macoupin	24	Mar. 25, 1907
Rodgers, James	Norris	Fulton	49	Jan. 6, 1913
Rogers, Thomas	LaSalle	LaSalle	39	June 27, 1910
Rogers, William J	South Wilmington	Grundy	42	Apr. 27, 1908
Rolandelly, Chas. D	Clark City	Kankakee	49	July 20, 1903
Rollison, Everett	Harrisburg	Saline	29	Apr. 16, 1912
Rollo, George, Jr	Pana	Christian	24	Jan. 8, 1906
Rollo, James	..do	..do	23	Dec. 10, 1900
Rollo, Richard	..do	..do	24	Mar. 13, 1905
Ronk, L. A	Hillsboro	Montgomery	29	Nov. 11, 1912
Rosan, John P	Duquoin	Perry	29	Jan. 8, 1906
Ross, James E	Tilden	Randolph	59	Nov. 11, 1912
Ross, John H	Gillespie	Macoupin	25	Aug. 15, 1904
Ross, S. H	..do	..do	55	Aug. 15, 1904
Ross, S. H†	Girard	..do	47	May 16, 1896
Roth, Charles	Virden	..do	28	July 10, 1911
Rothenberger, Paul	Springvalley	Bureau	28	Jan. 14, 1907
Rothwell, John P	Peoria	Peoria	39	Apr. 11, 1910
Rowlands, Ivor	Virden	Macoupin	34	Sept. 23, 1901
Royce, John	Westville	Vermilion	45	Jan. 10, 1916
Royster, Wm	Duquoin	Perry	39	July 31, 1905
Rozanski, Michael	Taylorville	Christian	30	Jan. 16, 1905
Ruble, E. E	Roanoke	Woodford	30	July 27, 1908
Rucker, Charles	Georgetown	Vermilion	28	Dec. 2, 1907
Rude, Michael	DeSoto	Jackson	25	June 13, 1904
Ruff, Wm. J	Troy	Madison	24	Nov. 13, 1905
Rufus, H. H	Danville	Vermilion	28	Mar. 13, 1905
Rulund, Fred	Cedar Point	LaSalle	30	Apr. 14, 1913

Mine Examiners—Continued.

Name.	Post office.	County.	Age.	Date of examination.
Runnels, George	Johnston City	Williamson	24	Apr. 16, 1906
Russell, A. A	Edwardsville	Madison	32	Jan. 14, 1907
Russell, Duncan	Danville	Vermilion	52	Apr. 16, 1906
Russell, James	Blairsville	Williamson	32	Nov. 20, 1911
Russell, Tom	West Frankfort	Franklin	28	Jan. 6, 1913
Russell, W. R	..do	..do	29	Oct. 24, 1910
Ryder, James H	Pontiac	Livingston	41	June 7, 1898
Saathoff, John	New Baden	Clinton	27	Jan. 16, 1905
Sanders, Fred	Herrin	Williamson	25	Feb. 17, 1908
Sands, Alonzo P	Maryville	Madison	38	Feb. 17, 1908
Sangreiet, Louis	Collinsville	..do	30	Apr. 16, 1912
Sauer, G. G. Fred	Belleville	St. Clair	28	Aug. 15, 1904
Saurs, Cornelius	Peoria	Peoria	31	July 20, 1903
Savage, Mike	Lincoln	Logan	38	June 24, 1901
Savill, Wm	Streator	LaSalle	44	July 31, 1905
Sawyer, L. C	Taylorville	Christian	37	Apr. 17, 1905
Saxby, William	LaSalle	LaSalle	48	June 27, 1910
Scarrett, William	Streator	..do	24	July 27, 1908
Scattergood, James	Dawson	Sangamon	45	July 27, 1908
Scattergood, John	Barclay	..do	33	July 25, 1899
Scattergood, Joseph W	Dawson	..do	22	Sept. 8, 1913
Scattergood, J. E	..do	..do	21	Apr. 12, 1909
Schafer, John R	Belleville	St. Clair	32	Feb. 13, 1911
Schardan, Henry	Collinsville	Madison	24	Jan. 8, 1906
Scheller, Julius	Mt. Olive	Macoupin	53	Dec. 2, 1907
Schber, Rudolph R	Glen Carbon	Madison	23	Feb. 17, 1908
Schmelz, M. A	Springfield	Sangamon	59	July 27, 1908
Schmidt, Alexander R	Spaulding	..do	40	July 20, 1903
Schmidt, Conrad	Lincoln	Logan	46	Oct. 21, 1895
Schmidt, Ernest†	Mt. Olive	Macoupin	44	Nov. 18, 1895
Schmidt, Henry	Staunton	..do	59	Jan. 12, 1903
Schmidt, John H	Caseyville	St. Clair	28	Apr. 5, 1915
Schmithausen, Theodore	Mt. Olive	Macoupin	37	Jan. 14, 1907
Schneider, F. W	Sesser	Franklin	33	Apr. 20, 1914
Schoenbeck, A. C	Belleville	St. Clair	25	Apr. 16, 1906
Schoonover, Fred	Glen Carbon	Madison	37	Jan. 6, 1913
Schrader, Joseph H	Murphysboro	Jackson	42	Jan. 8, 1906
Schreier, Gustave	Divernon	Sangamon	38	Mar. 13, 1905
Schroeder, Louis F	Cuba	Fulton	28	Jan. 17, 1910
Schroyer, Moses	Springfield	Sangamon	54	Apr. 9, 1900
Schuette, H. F	Mt. Olive	Macoupin	36	Oct. 15, 1906
Schull, Ben H	Johnston City	Williamson	24	June 16, 1913
Schultz, John†	Diamond	Grundy	43	*July 14, 1897
Scoby, Ray	Gilchrist	Mercer	30	Dec. 5, 1899
Scott, James	Springfield	Sangamon	25	Jan. 8, 1906
Scott, Walter	Harrisburg	Saline	21	Apr. 12, 1909
Scott, Wm. J	Springfield	Sangamon	43	July 25, 1899
Sebastian, Charles	Freeburg	St. Clair	26	Dec. 10, 1900
Secor, T. D	Odin	Marion	52	Sept. 13, 1898
Seidl, Frank J	Sandoval	..do	38	Apr. 9, 1900
Seletto, Mike	Witt	Montgomery	26	Oct. 12, 1914
Self, John	Glen Carbon	Madison	29	Oct. 19, 1903
Selkirk, Thomas	Collinsville	..do	26	Nov. 11, 1912
Selotto, James	Witt	Montgomery	28	Apr. 16, 1912
Selotto, Louis	..do	..do	21	Jan. 6, 1913
Sergeant, James R	St. David	Fulton	31	Apr. 11, 1910
Sergent, Frank	Belleville	St. Clair	25	July 12, 1909
Settles, Allen	Elmwood	Peoria	31	Nov. 13, 1905
Severit, Albert	Belleville	St. Clair	29	Apr. 16, 1906
Shaffer, Steve	Westville	Vermilion	21	Jan. 10, 1916
Shanahan, Geo. W	Gillespie	Macoupin	27	July 31, 1905
Shanahan, Patrick H	..do	..do	32	June 13, 1904
Shannon, Abraham	Carbon Hill	Grundy	46	Jan. 14, 1907
Shannon, Robert	Gillespie	Macoupin	29	Dec. 14, 1914
Shannon, Thos	Worden	Madison	46	July 16, 1906
Shaw, Francis M.†	Hallidayboro	Jackson	39	Nov. 18, 1895
Shaw, Henry	Springvalley	Bureau	51	Sept. 26, 1899
Shea, James	Collinsville	Madison	28	Apr. 14, 1913
Sheerin, Peter	Auburn	Sangamon	30	July 31, 1905
Shopman, John†	Mt. Olive	Macoupin	55	Nov. 18, 1895
Short, Thomas	Pekin	Tazewell	40	Apr. 27, 1908
Showler, Robert	Harrisburg	Saline	31	Nov. 11, 1912
Shroyer, Edward	Dunfermline	Fulton	27	Jan. 16, 1905
Shuster, B. J	Peoria	Peoria	33	Nov. 14, 1904
Shuster, Harbe C	..do	..do	23	Nov. 14, 1904

Mine Examiners—Continued.

Name.	Post office.	County.	Age.	Date of examination.
Siddall, Edward	Streator	LaSalle	21	Dec. 5, 1899
Siddall, John W	..do	..do	22	Feb. 28, 1899
Siddall, John W	..do	..do	22	*Sept. 12, 1899
Siddell, James	..do	..do	25	July 13, 1897
Siebenhawer, Wm.†	LaSalle	..do	50	Oct. 21, 1895
Simpson, James I	Springfield	Sangamon	34	Nov. 13, 1905
Simpson, John	Dalzell	Bureau	22	Jan. 17, 1910
Simpson, R. D	Farmersville	Montgomery	54	Feb. 13, 1911
Simpson, William	Lovington	Moultrie	23	Feb. 13, 1911
Sines, Charles A	Herrin	Williamson	23	July 20, 1903
Singleton, Frank	Cambria	..do	31	Sept. 8, 1913
Sisler, Ernest J	Maryville	Madison	42	Feb. 17, 1908
Skaggs, Elvis	Herrin	Williamson	25	Feb. 15, 1909
Skelton, Alexander	Springfield	Sangamon	27	Nov. 20, 1911
Skipworth, James F	Carterville	Williamson	29	Mar. 25, 1907
Slavin, P. J	Zeigler	Franklin	33	Feb. 13, 1911
Sluth, W. W	Edwards	Peoria	27	Nov. 1, 1909
Slow, Michael	Braceville	Grundy	42	Feb. 12, 1900
Smart, James H	Cuba	Fulton	41	Oct. 15, 1906
Smiles, John	Farmington	..do	35	July 12, 1909
Smith, Alex	Danville	Vermilion	29	Nov. 13, 1905
Smith, Arthur J	Springfield	Sangamon	24	Jan. 16, 1905
Smith, Bart	Assumption	Christian	37	Apr. 20, 1914
Smith, Ben H	Johnston City	Williamson	33	Apr. 14, 1913
Smith, Benjamin	Canton	Fulton	37	Apr. 9, 1900
Smith, Charles H	Essex	Kankakee	37	Jan. 17, 1910
Smith, Edward	Virden	Macoupin	38	June 27, 1910
Smith, Edward	Glen Carbon	Madison	38	Mar. 25, 1907
Smith, Ephriam F	Westville	Vermilion	25	June 24, 1907
Smith, George A	Sandoval	Marion	35	Sept. 13, 1898
Smith, George F	Farmington	Fulton	37	Apr. 16, 1906
Smith, George T	Dawson	Sangamon	34	Jan. 12, 1903
Smith, George W	Carterville	Williamson	29	July 31, 1905
Smith, Henry	Troy	Madison	35	July 25, 1899
Smith, Henry	Smithboro	Bond	57	*Mar. 8, 1897
Smith, Holden J	Centralia	Marion	23	Nov. 14, 1904
Smith, James	Streator	LaSalle	44	Oct. 21, 1895
Smith, John D	Muncie	Vermilion	32	Sept. 21, 1908
Smith, John H	Herrin	Williamson	37	Oct. 15, 1900
Smith, John P	Glen Carbon	Madison	30	June 24, 1901
Smith, Joseph	Moweaqua	Shelby	23	July 31, 1905
Smith, Joseph	Virden	Macoupin	30	Dec. 2, 1907
Smith, Joseph H	Whiteash	Williamson	41	June 16, 1913
Smith, J. I	Farmington	Fulton	34	Sept. 21, 1908
Smith, Manford	..do	..do	36	Sept. 21, 1908
Smith, Matt	Centralia	Marion	31	Nov. 14, 1904
Smith, Paul	Springfield	Sangamon	30	July 31, 1905
Smith, Samuel	Bush	Williamson	33	Nov. 20, 1911
Smith, William	Belleville	St. Clair	34	Sept. 26, 1899
Smith, William	Springfield	Sangamon	25	Apr. 20, 1914
Smith, William	Herrin	Williamson	25	Apr. 11, 1910
Smith, Wm. F	O'Fallon	St. Clair	22	Apr. 16, 1906
Smith, William H	Taylorville	Christian	39	Mar. 11, 1901
Snaith, George T	Johnston City	Williamson	36	Oct. 11, 1915
Snedden, Alex	Hollis	Peoria	44	Sept. 21, 1908
Snedden, George	Chatham	Sangamon	33	Nov. 14, 1904
Sneddon, Michael	..do	..do	54	Dec. 10, 1900
Sneyd, Samuel	Thayer	Sangamon	48	Nov. 1, 1909
Snider, Ralph	Bush	Williamson	22	Jan. 6, 1913
Snigler, Edward	Johnston City	..do	35	Mar. 13, 1905
Snyder, Henry	Herrin	..do	26	Nov. 14, 1904
Sollis, John	Centralia	Marion	49	Apr. 14, 1902
Solufskic, Herman†	Decatur	Macon	30	May 16, 1896
Sommerville, James A	Sparta	Randolph	30	Apr. 12, 1909
Sorrell, Harry H	Pana	Christian	30	Jan. 8, 1906
Soulsby, Henry	Mt. Olive	Macoupin	21	Jan. 14, 1907
Southworth, Andrew P	Belleville	St. Clair	31	Feb. 22, 1904
Spaulding, J. H	Worden	Madison	42	Dec. 2, 1907
Spiegle, W. H	Eldorado	Saline	34	Nov. 11, 1912
Spiller, George	Johnston City	Williamson	23	Nov. 14, 1904
Spires, Alfred	Braceville	Grundy	47	July 13, 1897
Spires, Alfred	..do	..do	47	July 25, 1899
Spires, Edward	..do	..do	32	July 20, 1903
Spires, William	..do	..do	34	Nov. 14, 1904
Stafford, Frank	Lebanon	St. Clair	28	Aug. 15, 1904
Stark, Clyde	Benton	Franklin	27	July 12, 1909

Mine Examiners—Continued.

Name.	Post office.	County.	Age.	Date of examination.
Starkey, C. H	Belleville	St. Clair	38	Apr. 11, 1910
Stearns, James	Murphysboro	Jackson	28	Nov. 18, 1895
Stearns, John	Hallidayboro	..do	60	Nov. 14, 1904
Steel, Dan	Collinsville	Madison	60	Nov. 18, 1895
Steel, Neil	Centralia	Marion	44	Nov. 18, 1895
Steele, Douglas	..do	..do	42	Apr. 27, 1903
Steiner, Benjamin	Westville	Vermilion	24	Apr. 9, 1900
Stephens, Willie	Oakwood	..do	21	Feb. 17, 1908
Steux, Adolph	Auburn	Sangamon	55	Nov. 14, 1904
Stevens, John	Cuba	Fulton	54	Mar. 11, 1901
Stevens, Walter	Streator	LaSalle	21	Feb. 12, 1900
Stewart, John T	Coulterville	Randolph	47	Aug. 6, 1900
Stewart, John G	Seatonville	Bureau	43	Apr. 16, 1912
Stewart, Roy	White Oak	Williamson	22	Dec. 2, 1907
Stewart, Samuel†	Coal City	Grundy	38	Feb. 20, 1896
Stewart, W. B	Virden	Macoupin	34	Apr. 17, 1905
Stieber, Anton	Glen Carbon	Madison	29	Feb. 12, 1900
Stieff, W. H	Eldorado	Saline	30	Dec. 2, 1907
Stille, George	Staunton	Macoupin	29	July 10, 1911
Stirath, James	Canton	Fulton	55	Dec. 5, 1899
Stirrup, Alfred	Duquoin	Perry	23	Jan. 14, 1907
Stockman, Wm. C	Belleville	St. Clair	25	Apr. 16, 1906
Stone, Herman R	Herrin	Williamson	29	June 24, 1907
Stone, Isaac E	Farmington	Fulton	36	Dec. 19, 1910
Stone, William	Sherrard	Mercer	37	Feb. 22, 1904
Stoneburner, L. L	Sorento	Bond	41	July 25, 1899
Stoneburner, L. L	..do	..do	43	Nov. 18, 1895
Storme, Luther	Reeves	Williamson	30	Jan. 17, 1910
Straights, James	Springfield	Sangamon	27	Sept. 8, 1913
Straub, Joseph	Glen Carbon	Madison	31	Jan. 8, 1906
Strauss, Herman	Royalton	Franklin	47	Apr. 20, 1914
Strebel, John	Virden	Macoupin	28	Apr. 11, 1910
Streeb, Henry	Staunton	..do	30	Apr. 12, 1909
Streicher, John	Kewanee	Henry	43	Apr. 27, 1903
Stricklin, Clarence	Harrisburg	Saline	26	Jan. 8, 1906
Stricklin, Wm. H	..do	..do	38	Feb. 22, 1904
Stroub, Albert	Springfield	Sangamon	28	Apr. 20, 1914
Struthers, James	Gillespie	Macoupin	43	Oct. 12, 1914
Stuart, J. R	Duquoin	Perry	29	Sept. 21, 1908
Sullivan, Michael	Tallula	Menard	39	June 24, 1907
Sulski, Charles	Springvalley	Bureau	27	Nov. 1, 1909
Swan, Leo H	Christopher	Franklin	26	Apr. 14, 1913
Taake, Henry H	Central City	Marion	22	Sept. 22, 1902
Taublee, Edward E	Hillsboro	Montgomery	28	Oct. 19, 1903
Taylor, Arthur J	Belleville	St. Clair	24	Feb. 17, 1908
Taylor, Henry	..do	..do	28	Jan. 14, 1907
Taylor, John	Lincoln	Logan	38	July 10, 1911
Taylor, John P	Belleville	St. Clair	35	Sept. 21, 1908
Taylor, Sam†	O'Fallon	..do	25	Nov. 18, 1895
Templeton, James M	Panama	Montgomery	29	Sept. 8, 1913
Templeton, Peter	Carterville	Williamson	29	July 22, 1912
Templeton, Wm. C	..do	..do	54	Oct. 15, 1906
Templeton, Wm. W	..do	..do	25	Jan. 8, 1906
Thackston, Charles	Glen Carbon	Madison	22	Feb. 17, 1908
Thaine, James	Litchfield	Montgomery	29	Feb. 12, 1900
Thedford, Ira	Herrin	Williamson	25	Oct. 15, 1906
Thom, John	Coal City	Grundy	45	*Sept. 12, 1899
Thom, John	..do	..do	45	Feb. 20, 1896
Thomas, David	Canton	Fulton	52	Sept. 23, 1901
Thomas, David†	..do	..do	48	*Apr. 16, 1897
Thomas, D. J	Riverton	Sangamon	25	Mar. 13, 1905
Thomas, John P	Carterville	Williamson	48	Aug. 15, 1910
Thomas, John R	Springvalley	Bureau	46	June 7, 1898
Thomas, Thomas	Sesser	Franklin	56	Apr. 27, 1908
Thomas, Thomas	Eldorado	Saline	40	Mar. 25, 1907
Thomas, Wm. J	Divernon	Sangamon	28	Nov. 13, 1905
Thomas, W. J	Springvalley	Bureau	25	Dec. 14, 1903
Thome, Edward	Bartonville	Peoria	27	Oct. 12, 1914
Thompson, William	Mt. Olive	Macoupin	38	June 13, 1904
Thorunt, Joseph, Sr	Trenton	Clinton	63	July 25, 1899
Thrush, David S	Hanna City	Peoria	28	Nov. 25, 1901
Thrush, David Z	..do	..do	35	Nov. 25, 1901
Thrush, William H	..do	..do	32	Dec. 2, 1907
Tiley, George	Belleville	St. Clair	51	July 16, 1906
Tillman, Henry	Centralia	Marion	33	Oct. 15, 1906

MINE EXAMINERS—Continued.

Name.	Post office.	County.	Age.	Date of examination.
Titler, William L	O'Fallon	St. Clair	35	Feb. 12, 1900
Tollner, Fred	Glen Carbon	Madison	53	Oct. 15, 1906
Tomblin, Joseph	Peoria	Peoria	22	Apr. 16, 1912
Tomblin, William	..do	..do	28	Apr. 16, 1912
Tompkin, Frank	St. David	Fulton	40	Sept. 26, 1899
Tonner, Martin	Benld	Macoupin	31	Oct. 15, 1906
Toussiant, Hughey	Caseyville	St. Clair	26	Apr. 5, 1915
Towal, James	Benton	Franklin	35	Apr. 10, 1911
Towers, William	Zeigler	..do	39	June 13, 1904
Townslay, William	Kangley	LaSalle	42	July 27, 1908
Tracy, John J	Carbon Hill	Grundy	44	Dec. 19, 1910
Tregoning, Geo	Murphysboro	Jackson	36	June 24, 1907
Tregonning, Walter	Carterville	Williamson	27	Aug. 15, 1904
Tretter, Joseph	Johnston City	..do	26	Oct. 15, 1906
Trew, E. S	Sparta	Randolph	33	Feb. 15, 1909
Trigg, George H	Cuba	Fulton	32	July 16, 1906
Trites, John H	Canton	..do	27	Feb. 15, 1909
Tumbleson, Thomas	Worden	Madison	28	Jan. 14, 1907
Turner, Daniel	Thayer	Sangamon	22	Feb. 22, 1904
Twigger, Amos	Riverton	..do	31	Dec. 2, 1907
Uland, William	Benton	Franklin	30	July 12, 1909
Upperdine, Luke	Willisville	Perry	46	Jan. 16, 1905
Valen, Edward	Glen Carbon	Madison	42	Mar. 11, 1901
Valentine, Jacob	Riverton	Sangamon	41	Oct. 15, 1900
Valine, William	Glen Carbon	Madison	30	Nov. 11, 1912
Vallow, Ellis	Kinmundy	Marion	24	Feb. 12, 1900
Vanhoose, H. J	Herrin	Williamson	34	Apr. 14, 1913
Van Hoose, R. L	..do	..do	29	Jan. 6, 1913
Van Hoose, William	Clifford	..do	41	Apr. 14, 1913
Van Norman, Norman	Peoria	Peoria	36	Apr. 16, 1906
Varner, J. M	Maryville	Madison	33	Aug. 12, 1907
Vaughan, Robert T	Belleville	St. Clair	35	Feb. 17, 1908
Vercoe, Jonathan	Canton	Fulton	53	June 15, 1915
Vickers, Michael J	Braidwood	Will	31	Dec. 2, 1907
Virderber, John	Lincoln	Logan	23	July 31, 1905
Vit, Chas	Litchfield	Montgomery	40	Aug. 26, 1896
Vlasak, Joseph	Belleville	St. Clair	35	Apr. 14, 1913
Voysey, John T	Springfield	Sangamon	39	July 27, 1908
Wagner, Emil	Herrin	Williamson	21	Feb. 15, 1909
Wagoner, Charles	..do	..do	29	Apr. 14, 1913
Wagoner, John F	..do	..do	30	Apr. 16, 1912
Wagoner, Wm	Sesser	Franklin	26	July 12, 1909
Waite, Charles	Oglesby	LaSalle	39	Mar. 13, 1905
Waite, Walter	Springvalley	Bureau	35	Jan. 12, 1903
Waker, W. R	Glen Carbon	Madison	21	Dec. 2, 1907
Waldron, Thomas	Reese	Williamson	36	Feb. 15, 1909
Walker, James	Marion	..do	42	Nov. 14, 1904
Walker, J. R	DeSoto	Jackson	31	Nov. 1, 1909
Walker, William	South Wilmington	Grundy	31	Jan. 14, 1907
Wall, David E	Divernon	Sangamon	25	Nov. 13, 1905
Wall, James E	..do	..do	45	Apr. 27, 1903
Wall, Wm. E	..do	..do	24	Feb. 15, 1909
Wallace, John	Carterville	Williamson	32	June 13, 1904
Walsh, John	Cuba	Fulton	39	Sept. 21, 1908
Walters, John	West Frankfort	Franklin	36	Dec. 15, 1913
Ward, John G	Streator	LaSalle	29	Sept. 26, 1899
Ward, Robert†	..do	..do	36	Aug. 26, 1896
Ward, Robert†	..do	..do	36	*Mar. 3, 1899
Ward, Robert	..do	..do	36	Aug. 6, 1900
Ward, William	Reeves	Williamson	28	Apr. 10, 1911
Ward, Wilson	Paisley	Montgomery	36	Oct. 19, 1903
Wardell, John	Marion	Williamson	32	Feb. 22, 1904
Warembaig, August	Orchard Mines	Peoria	32	Dec. 2, 1907
Warrington, Frank	Divernon	Sangamon	43	June 13, 1904
Watkins, Edward	..do	..do	42	Oct. 12, 1914
Watkins, J. T	Tilden	Randolph	36	Nov. 1, 1909
Watson, James R	Carterville	Williamson	28	Jan. 8, 1906
Watson, John	Worden	Madison	37	June 13, 1904
Watson, John A	Carterville	Williamson	25	Nov. 13, 1905
Watson, Thomas	Central City	Marion	42	Apr. 14, 1902
Watt, William	Petersburg	Menard	48	Jan. 8, 1906
Waugh, Robert	Herrin	Williamson	33	July 16, 1906
Weir, James	Gillespie	Macoupin	42	Oct. 12, 1914

Mine Examiners—Continued.

Name.	Post office.	County.	Age.	Date of examination.
Weise, J. E.	Belleville	St. Clair	29	Jan. 6, 1913
Weisgerber, Fred	Johnston City	Williamson	32	Mar. 25, 1907
Wellington, C. O	Duquoin	Perry	33	Apr. 14, 1913
Welle, John	Collinsville	Madison	35	Oct. 12, 1914
Welsh, James	Hillsboro	Montgomery	29	Jan. 17, 1910
Wendler, Adelbert	Glen Carbon	Madison	26	July 25, 1899
Westwood, Frank T	Belleville	St. Clair	21	Oct. 19, 1903
Westwood, Joseph E	Staunton	Macoupin	25	Jan. 16, 1905
Wetherell, James	Ladd	Bureau	44	Feb. 12, 1900
Whalen, Michael	Greenridge	Macoupin	38	June 6, 1899
Whillamper, Louis	Lincoln	Logan	36	Aug. 26, 1896
White, John	Pana	Christian	31	June 13, 1904
White, John A	Virden	Macoupin	30	Dec. 15, 1913
White, Joseph B	Sherman	Sangamon	21	Sept. 8, 1913
White, Louis	Springvalley	Bureau	25	Jan. 12, 1903
White, Robert	Belleville	St. Clair	23	Jan. 14, 1907
White, Wm. H	Riverton	Sangamon	35	Feb. 22, 1904
White, William K	Herrin	Williamson	43	Nov. 20, 1911
Whitehead, Edward	Farmington	Fulton	21	June 24, 1901
Whitted, R. H	Nokomis	Montgomery	25	Sept. 21, 1908
Wigham, William G	Sparta	Randolph	26	Dec. 14, 1903
Wilbur, Pearl T	Hillsboro	Montgomery	42	July 10, 1911
Wilcox, D. D	Gillespie	Macoupin	27	Feb. 9, 1914
Wilderman, John H	DeSoto	Jackson	45	Jan. 14, 1907
Wilkie, James	Petersburg	Menard	35	Nov. 11, 1912
Wilkin, W. P	Riverton	Sangamon	46	Nov. 1, 1909
Wilkinson, George R	Bissell	..do	25	Feb. 12, 1900
Wilkinson, Harry	Peoria	Peoria	32	Oct. 12, 1914
Willard, Charles S	Glen Carbon	Madison	22	Apr. 9, 1900
Williams, Anthony	Centralia	Marion	38	Apr. 14, 1902
Williams, C. C	Belleville	St. Clair	34	Apr. 16, 1906
Williams, David	Litchfield	Montgomery	23	Jan. 14, 1907
Williams, David	Coffeen	..do	43	Mar. 25, 1907
Williams, E. A	Carterville	Williamson	36	July 16, 1906
Williams, Garner	Johnston City	..do	28	July 22, 1912
Williams, James	Oglesby	LaSalle	40	Apr. 27, 1903
Williams, John	Livingston	Madison	24	Jan. 8, 1906
Williams, Josiah	Witt	Montgomery	36	Sept. 21, 1908
Williams, Malvin	DeSoto	Jackson	26	Aug. 12, 1907
Williams, Thomas	Harrisburg	Saline	33	July 12, 1909
Williams, Thomas	Kinmundy	Marion	42	Nov. 14, 1904
Williams, T. J	Cardiff	Livingston	26	Feb. 12, 1900
Williams, Wm. E	Streator	LaSalle	26	Feb. 20, 1896
Williams, Wm. H	Edinburg	Christian	52	Feb. 12, 1900
Williams, W. F	Pekin	Tazewell	42	July 16, 1906
Williamson, Jacob	Bissell	Sangamon	30	Oct. 15, 1900
Williamson, Jacob H	..do	..do	50	Oct. 15, 1900
Williamson, M	Catlin	Vermilion	37	Jan. 17, 1910
Wilson, Alexander	Harrisburg	Saline	56	Apr. 10, 1911
Wilson, Archie†	Clark City	Kankakee	44	Oct. 21, 1895
Wilson, Arthur	Carterville	Williamson	29	June 24, 1907
Wilson, Edwin	Belleville	St. Clair	27	Oct. 15, 1906
Wilson, G. A	Sparta	Randolph	37	Apr. 27, 1908
Wilson, Henry	Pana	Christian	42	July 25, 1899
Wilson, Henry	..do	..do	42	Mar. 1, 1898
Wilson, James M	Springfield	Sangamon	51	Apr. 27, 1903
Wilson, James R	Hallidayboro	Jackson	26	Aug. 12, 1907
Wilson, John †	Gardner	Grundy	45	Feb. 20, 1896
Wilson, John	Sparta	Randolph	50	Dec. 2, 1907
Wilson, John C	Lockport	Will	25	July 10, 1911
Wilson, John H	Harrisburg	Saline	52	Sept. 21, 1908
Wilson, Robert	Nokomis	Montgomery	36	Jan. 14, 1907
Wilson, Robert	Canton	Fulton	36	Nov. 20, 1911
Wilson, William	Cutler	Perry	28	Apr. 5, 1915
Wilson, Wm. A	Belleville	St. Clair	30	Jan. 14, 1907
Winderlick, John	Marissa	..do	37	Aug. 15, 1904
Winning, James G	Carterville	Williamson	38	Nov. 20, 1911
Winning, W. W	..do	..do	31	Oct. 15, 1906
Winterbottom, John	Sparta	Randolph	.....	July 13, 1897
Winterbottom John G	..do	..do	22	Dec. 14, 1903
Witt, Stanley	Westville	Vermilion	26	Oct. 24, 1910
Wolfe, John D	Lincoln	Logan	23	Feb. 17, 1908
Wood, Charles H	Springfield	Sangamon	35	Sept. 8, 1913
Wood, Henry†	Streator	LaSalle	42	Oct. 21, 1895
Wood, Henry	Troy	Madison	24	Jan. 16, 1905

Mine Examiners—Concluded.

Name.	Post office.	County.	Age.	Date of examination.
Wood, Thomas L.	Pinckneyville	Perry	30	July 10, 1911
Wood, William	Streator	LaSalle	22	Sept. 22, 1902
Woods, John	St. David	Fulton	29	Oct. 12, 1914
Woodson, E. L.	Springfield	Sangamon	32	Dec. 2, 1907
Woodson, Wm. R.	..do	..do	32	Nov. 13, 1905
Woodward, Hiram	Clifford	Williamson	28	Jan. 10, 1916
Worthington, Hillard	Hallidayboro	Jackson	39	Nov. 25, 1901
Wray, Henry	Staunton	Macoupin	24	Apr. 14, 1913
Wright, David	Carlinville	..do	29	Mar. 11, 1901
Wright, Edward	Belleville	St. Clair	24	Apr. 14, 1913
Wright, Ed. J.	Reeves	Williamson	32	July 16, 1906
Wright, Robert E.	Equality	Gallatin	32	July 31, 1905
Wright, Thomas	Belleville	St. Clair	25	Apr. 16, 1906
Wright, William C.	Centralia	Marion	25	Apr. 14, 1902
Yakcop, George	Streator	LaSalle	22	July 31, 1905
Yarusnisky, Mike	..do	..do	22	Oct. 15, 1906
Yemm, William	Gillespie	Macoupin	42	June 16, 1902
Young, Alexander	Sawyerville	..do	29	Feb. 17, 1908
Young, Joseph J.	Springfield	Sangamon	30	Apr. 16, 1906
Young, Sidney J.	Canton	Fulton	39	June 13, 1904
Yuill, Archie	Herrin	Williamson	21	Apr. 11, 1910
Zager, Wm.	Lenzburg	St. Clair	32	Oct. 15, 1906
Zagerman, Joseph	Mt. Olive	Macoupin	33	Mar. 25, 1907
Zink, Phil J.	Belleville	St. Clair	28	July 20, 1903
Zude, Herman	Matherville	Mercer	34	June 14, 1914

[1] Revoked, Apr. 18, 1907.

Hoisting Engineers.

Name.	Post office.	County.	Age.	Date of examination.	Kind of certificate.
Aaron, John M.	Herrin	Williamson	34	Apr. 16, 1912	Competency.
Abben, Henry	Breese	Clinton	46	Nov. 18, 1895	Competency.
Abcock, Cabel F.	Nilwood	Macoupin	40	Apr. 27, 1903	Competency.
Abell, Edmund A.	Divernon	Sangamon	27	Feb. 13, 1911	Competency.
Ackerman, Jacob	Belleville	St. Clair	50	Nov. 18, 1895	Service.
Adams, John	Wasson	Saline	60	Aug. 15, 1910	Competency.
Adams, Nelson	Lincoln	Logan	39	May 16, 1896	Competency.
Adams, William H.	Braidwood	Will	38	Dec. 5, 1899	Competency.
Adcock, J. C.	Centralia	Marion	33	Nov. 11, 1912	Competency.
Aikens, William	Herrin	Williamson	32	July 27, 1908	Competency.
Ainsworth, Samuel, Jr.	Taylorville	Christian	27	June 6, 1899	Competency.
Aitken, Bruce	Christopher	Franklin	22	Nov. 11, 1912	Competency.
Aitken, J. S.	Tilden	Randolph	42	Nov. 13, 1905	Competency.
Aitken, Thomas	..do	..do	29	Dec. 14, 1903	Competency.
Alexander, Harvey W.	Rentchler	St. Clair	33	Apr. 10, 1911	Competency.
Alexander, Henry	Oglesby	LaSalle	31	Nov. 23, 1896	Competency.
Alexander, W. A.	Roseboro	Randolph	35	May 16, 1896	Competency.
Allan, Edward	Collinsville	Madison	28	June 13, 1904	Competency.
Allan, Joseph	..do	..do	24	June 13, 1904	Competency.
Allen, C. E.	Troy	..do	44	May 16, 1896	Competency.
Allen, C. H.	Seneca		22	Aug. 26, 1896	Competency.
Allen, David	Collinsville	Madison	35	Oct. 15, 1900	Competency.
Allen, David	LaSalle	LaSalle	34	Jan. 17, 1910	Competency.
Allen, Wm. H.	Collinsville	Madison	38	Aug. 26, 1896	Service.
Allgood, William	Springfield	Sangamon	27	May 21, 1900	Competency.
Altman, H. P.	Collinsville	Madison	32	June 6, 1899	Competency.
Alwater, Stephen	Clark City	Kankakee	38	Feb. 20, 1896	Competency.
Ambuhl, John	Cantrall	Sangamon	29	Dec. 15, 1913	Competency.
Anderson, Charles E.	Belleville	St. Clair	25	Sept. 23, 1901	Competency.
Anderson, Henry	Lincoln	Logan	37	May 16, 1896	Competency.
Anderson, John F.	Pinckneyville	Perry	34	Apr. 27, 1903	Competency.
Anderson, Norman A.	Princeville	Peoria	31	Aug. 6, 1900	Competency.
Anderson, W. C.	Elmwood	..do	39	Sept. 13, 1897	Competency.
Anderson, Z. B.	Sparta	Randolph	26	Nov. 18, 1895	Competency.

Hoisting Engineers—Continued.

Name.	Post office.	County.	Age.	Date of examination.	Kind of certificate.
Andrew, F. R.	Barclay	Sangamon	38	Jan. 14, 1907	Competency.
Andrews, Solomon	Girard	Macoupin	38	Aug. 26, 1896	Competency.
Anthony, John C.	Belleville	St. Clair	52	July 25, 1899	Competency.
Anthony, John C.	..do	..do	49	May 16, 1896	Service.
Appleby, John	East Peoria	Tazewell	36	June 6, 1899	Competency.
Appleton, Thomas	Virden	Macoupin	32	May 16, 1896	Competency.
Archdale, James	Peoria	Peoria	32	Apr. 14, 1913	Competency.
Archer, Joseph	Barclay	Sangamon	39	Oct. 15, 1900	Competency.
Archibald, David	Freeburg	St. Clair	36	May 16, 1896	Competency.
Armentrout, Martin	Duncan	Stark	33	Sept. 26, 1899	Competency.
Armstrong, C.	Muncie	Vermilion	37	June 7, 1898	Competency.
Armstrong, W. B.	Harrisburg	Saline	23	Oct. 15, 1906	Competency.
Armstrong, W. C.	Marion	Williamson	26	Sept. 13, 1898	Competency.
Arnett, Everett	Canton	Fulton	34	Jan. 10, 1916	First class.
Arnold, Desire	Seatonville	Bureau	23	July 10, 1911	Competency.
Arrasmith, Ira	Catlin	Vermilion	36	Sept. 8, 1913	Competency.
Arterbury, Albert	Carterville	Williamson	34	July 16, 1906	Competency.
Ashcroft, Chas. H	Pana	Christian	24	June 13, 1904	Competency.
Ashman, Joe	Murphysboro	Jackson	43	Nov. 18, 1895	Competency.
Ashman, Joseph L	..do	..do	35	Jan. 16, 1905	Competency.
Ashman, Oscar	..do	..do	23	Mar. 25, 1907	Competency.
Athons, Arthur N	Decatur	Macon	42	July 27, 1908	Competency.
Atkins, Robert R	Tilden	Randolph	27	Nov. 18, 1895	Competency.
Atwood, Newton F	Johnston City	Williamson	36	Feb. 17, 1908	Competency.
Aughton, Robert H	Lincoln	Logan	31	July 16, 1906	Competency.
Averill, C. P.	Colchester	McDonough	50	Mar. 1, 1898	Competency.
Avery, Wm	Lenz Station	St. Clair	23	Nov. 18, 1895	Competency.
Ax, Henry	Edwardsville	Madison	21	Apr. 27, 1903	Competency.
Bacon, Fred	Buckner	Franklin	21	Feb. 9, 1914	Competency.
Bailey, Charley	Sunfield	Perry	26	Feb. 17, 1908	Competency.
Bailey, James F	Westville	Vermilion	38	Sept. 26, 1899	Competency.
Bailey, Robert	Sunfield	Perry	30	Apr. 27, 1903	Competency.
Baird, Robert	Sparta	Randolph	24	June 6, 1899	Competency.
Balwir, John	Braidwood	Will	38	Oct. 15, 1900	Competency.
Baker, C. W.	Fairmount	Vermilion	37	Mar. 1, 1898	Competency.
Baker, Darious N	Spillertown	Williamson	24	June 6, 1899	Competency.
Baker, Fred	Springfield	Sangamon	27	July 20, 1903	Competency.
Baker, James E	Westville	Vermilion	27	Feb. 28, 1899	Competency.
Baldwin, A. E	Staunton	Macoupin	23	Apr. 16, 1912	Competency.
Baldwin, Harry	Carriers Mills	Saline	29	June 16, 1913	Competency.
Ball, Arthur	LaSalle	LaSalle	32	Jan. 17, 1910	Competency.
Balser, Henry L	Springfield	Sangamon	60	Apr. 9, 1900	Competency.
Bane, F. W	..do	..do	27	Apr. 14, 1913	Competency.
Banks, Fred E	Farmington	Fulton	31	Mar. 7, 1916	First class.
Barber, C. E	Duquoin	Perry	20	May 16, 1896	Competency.
Barber, C. W	..do	..do	45	May 16, 1896	Competency.
Barber, Harry	Tilden	Randolph	21	Dec. 2, 1907	Competency.
Barber, Wm. G	..do	..do	21	Aug. 6, 1900	Competency.
Barlow, E. S	Kewanee	Henry	40	Jan. 17, 1910	Competency.
Barnes, Frate	Johnston City	Williamson	27	July 22, 1912	Competency.
Barnes, Harry	Norris City	White	32	Dec. 2, 1907	Competency.
Barnhill, H. G	Kinmundy	Marion	31	Nov. 18, 1895	Competency.
Barnhill, Oscar B	Herrin	Williamson	25	Nov. 24, 1902	Competency.
Barr, Frank	Centralia	Marion	22	Nov. 18, 1895	Competency.
Barringer, Willis	Reeves	Williamson	29	Jan. 17, 1910	Competency.
Barrow, Noaman	Willisville	Perry	21	July 12, 1909	Competency.
Barton, C. N	Cable	Mercer	38	May 16, 1896	Competency.
Barton, Chas. W	Fairmount	Vermilion	53	May 16, 1896	Competency.
Barton, W. Neff	Coal City	Grundy	28	Apr. 16, 1912	Competency.
Bartram, Perry	Ladd	Bureau	22	Apr. 16, 1906	Competency.
Barwick, Chas	Carterville	Williamson	25	Nov. 13, 1905	Competency.
Bass, Oliver N	Duquoin	Perry	27	Feb. 15, 1909	Competency.
Bateman, Harry	Murphysboro	Jackson	23	Dec. 5, 1899	Competency.
Bateman, Randall	..do	..do	26	Apr. 27, 1903	Competency.
Bates, Daniel	Kewanee	Henry	31	Feb. 8, 1915	Competency.
Bates, Thos. W	Winchester	Scott	21	Nov. 25, 1901	Competency.
Bath, Ameston	Cuba	Fulton	42	Aug. 6, 1900	Competency.
Bauker, Henry	Rich Prairie	St. Clair	31	Aug. 26, 1896	Service.
Baumgarner, Ross	Ledford	Saline	21	Mar. 11, 1901	Competency.
Baumgartner, Geo. J	Edwardsville	Madison	28	May 21, 1900	Competency.
Bauser, E. A	Bunker Hill	Macoupin	42	May 15, 1916	Second class.
Baxter, Adam	Canton	Fulton	26	June 16, 1913	Competency.
Beam, Amos	Tice	Menard	28	Dec. 2, 1907	Competency.
Beard, Chas. A	Streator	LaSalle	29	Oct. 21, 1895	Competency.
Beatty, Geo. W	Mascoutah	St. Clair	20	Nov. 14, 1904	Competency.

Hoisting Engineers—Continued.

Name.	Post office.	County.	Age.	Date of examination.	Kind of certificate.
Beatty, Jas. H.	Mascoutah	St. Clair	32	Nov. 18, 1895	Competency.
Beatty, Nepha	..do	..do	27	Nov. 18, 1895	Competency.
Beck, Fred J.	Pinckneyville	Perry	51	Feb. 8, 1915	Competency.
Beck, Peter L.	Springfield	Sangamon	32	Aug. 15, 1904	Competency.
Becker, Fred M.	Sandoval	Marion	29	July 25, 1899	Competency.
Becker, Fritz	Mt. Olive	Macoupin	21	Nov. 23, 1896	Competency.
Beckett, J. M.	Smithfield	Fulton	40	Nov. 1, 1909	Competency.
Beckham, John J.	Glen Carbon	Madison	25	June 24, 1907	Competency.
Beeby, Joseph E.	Springfield	Sangamon	25	July 10, 1911	Competency.
Beeby, William	..do	..do	42	Dec. 5, 1899	Competency.
Beeby, William	..do	..do	38	May 16, 1896	Service.
Beeney, Richard	Peoria	Peoria	30	Sept. 21, 1908	Competency.
Beese, Chas. H.	Belleville	St. Clair	26	June 13, 1904	Competency.
Beese, John E., Jr.	..do	..do	23	June 6, 1899	Competency.
Beetler, Henry	Pekin	Tazewell	37	Sept 21, 1908	Competency.
Beharelle, Alfred	Mapleton	Peoria	48	Aug. 15, 1904	Competency.
Behrens, A. D.	Springfield	Sangamon	48	Sept. 26, 1899	Competency.
Beilsmith, Edward	Assumption	Christian	25	Sept. 23, 1901	Competency.
Bell, Chris.	Sherrard	Mercer	35	Apr. 27, 1903	Competency.
Bell, Frank	Tallula	Menard	26	Feb. 12, 1900	Competency.
Bell, George E.	Canton	Fulton	48	Aug. 26, 1896	Service.
Bell, Mark	Danville	Vermilion	25	Sept. 26, 1899	Competency.
Belt, W. H.	Centralia	Marion	30	Nov. 14, 1904	Competency.
Belts, Joseph E.	Belleville	St. Clair	43	Feb. 12, 1900	Competency.
Beltz, Allen	Equality	Gallatin	35	July 20, 1903	Competency.
Beltz, J. L.	Eldorado	Saline	44	Oct. 15, 1906	Competency.
Bennett, John	Hannaford	Franklin	22	June 15, 1915	Competency.
Bennett, William	Staunton	Macoupin	41	Nov. 14, 1904	Competency.
Bennight, Jos. E.	Pawnee	Sangamon	24	Apr. 27, 1903	Competency.
Bent, Austin	Seatonville	Bureau	23	July 27, 1908	Competency.
Bentley, George	Springfield	Sangamon	43	Nov. 24, 1902	Competency.
Benton, Poolie R.	Herrin	Williamson	29	Nov. 14, 1904	Competency.
Benvenuto, Chas.	Dawson	Sangamon	40	Mar. 11, 1901	Competency.
Benvenuto, Chas.	Toluca	Marshall	32	May 16, 1896	Service.
Berens, Peter H.	Coal City	Grundy	37	July 31, 1905	Competency.
Berg, John	Mt. Olive	Macoupin	29	Jan. 8, 1906	Competency.
Berkley, N. T.	Cuba	Fulton	51	Mar. 11, 1901	Competency.
Berry, George	East St. Louis	St. Clair	23	Aug. 15, 1910	Competency.
Bertin, Henry	Pana	Christian	31	Apr. 13, 1897	Competency
Bickerstaff, A. H.	Eldorado	Saline	25	Oct. 15, 1906	Competency.
Bienert, J. O.	Spaulding	Sangamon	30	Mar. 1, 1898	Competency.
Bigelow, A. E.	..do	..do	46	Apr. 13, 1897	Competency.
Bigelow, Geo. F.	..do	..do	29	Oct. 15, 1906	Competency.
Biggs, William W.	Herrin	Williamson	34	Dec. 14, 1903	Competency.
Billips, Joseph M.	Kewanee	Henry	36	Sept. 26, 1899	Competency.
Birzele, Jacob F.	Girard	Macoupin	28	July 31, 1905	Competency.
Bixby, Chas. N.	Sparta	Randolph	26	Feb. 17, 1908	Competency.
Bixby, Harry H.	..do	..do	27	Apr. 16, 1912	Competency.
Black, James A.	Troy	Madison	39	July 25, 1899	Competency.
Blackman, Ben.	Dawson	Sangamon	41	Mar. 11, 1901	Competency.
Blain, Geo.	Streator	LaSalle	39	June 7, 1898	Competency.
Blake, Albert	..do	..do	27	May 16, 1896	Competency.
Blalock, Charles F.	Niantic	Macon	31	Sept. 23, 1901	Competency.
Blanford, James	Auburn	Sangamon	34	Feb. 9, 1914	Competency.
Blomberg, Albert	Sherrard	Mercer	36	July 25, 1899	Competency.
Blue, Jesse	Norris	Fulton	38	Feb. 20, 1896	Service.
Blue, Jesse	..do	..do	41	June 6, 1899	Competency.
Board, F. A.	Cuba	..do	24	Feb. 15, 1909	Competency.
Boden, John	Gilchrist	Mercer	31	July 20, 1903	Competency.
Boetticker, Alfred	Freeburg	St. Clair	19	June 6, 1899	Competency.
Boetto, John	Cardiff	Livingston	21	July 27, 1908	Competency.
Boggs, Don. J.	Kewanee	Henry	22	June 6, 1899	Competency.
Boggs, Edgar C.	Galva	..do	36	July 20, 1903	Competency.
Boggs, Geo. W.	..do	..do	29	July 20, 1903	Competency.
Bohlander, Edw.	Pekin	Tazewell	32	Apr. 9, 1900	Competency.
Bohlen, Henry E.	Mt. Olive	Macoupin	37	Mar. 1, 1898	Competency.
Bolles, William A	Auburn	Sangamon	34	Oct. 19, 1903	Competency.
Bolten, Mark	Gilchrist	Mercer	28	June 24, 1901	Competency.
Bonnett, A. H.	Collison	Vermilion	42	Nov. 13, 1905	Competency.
Bonnett, John, Jr.	Danville	..do	36	Jan. 8, 1906	Competency.
Bonstead, William P.	Coal City	Grundy	42	July 20, 1903	Competency.
Bonton, Vaughn	Princeville	Peoria	25	Oct. 15, 1906	Competency.
Bookstaver, Jos.	Duquoin	Perry	50	Apr. 27, 1903	Competency.
Boots, James F.	Germantown	St. Clair	35	June 16, 1902	Competency.
Boring, Frank L.	Odin	Marion	28	Mar. 1, 1898	Competency.
Boroughs, Wade	Athens	Menard	25	July 31, 1905	Competency.

Hoisting Engineers—Continued.

Name.	Post office.	County.	Age.	Date of examination.	Kind of certificate.
Boston, Wm. H.	Murphysboro	Jackson	22	Feb. 20, 1896	Competency.
Bostwick, George	Farmington	Fulton	23	Oct. 15, 1906	Competency.
Boswell, L. R.	Marion	Williamson	25	Oct. 15, 1906	Competency.
Boswell, William	Dunfermline	Fulton	43	Nov. 25, 1901	Competency.
Bottomley, Robert	Paisley	Montgomery	24	July 20, 1903	Competency.
Bouchey, Anatola	Orchard Mines	Peoria	34	Feb. 17, 1908	Competency.
Bourum, Archibald	Marion	Williamson	39	Aug. 15, 1904	Competency.
Bowen, Geo.	Gillespie	Macoupin	42	Aug. 12, 1907	Competency.
Bowl, Leonard	Belleville	St. Clair	51	Oct. 15, 1900	Competency.
Bowler, H. S.	Mt. Vernon	Jefferson	40	Apr. 27, 1908	Competency.
Bowman, Geo. W.	Duquoin	Perry	42	Feb. 17, 1908	Competency.
Bowman, Geo. W.	Yates City	Knox	35	May 16, 1896	Service.
Boyd, Alex.	Kangley	LaSalle	21	July 16, 1906	Competency.
Boyd, R. J.	Rutland	..do.	51	Apr. 12, 1909	Competency.
Boyer, Frank	Cantrall	Sangamon	36	Apr. 11, 1910	Competency.
Boyett, Chas. E.	Eldorado	Saline	23	Feb. 13, 1911	Competency.
Bradbury, R. D.	Carbondale	Jackson	53	Mar. 1, 1898	Competency.
Braden, Charles	Eldorado	Saline	32	Mar. 25, 1907	Competency.
Bradford, Herman	Mt. Vernon	Jefferson	31	Apr. 16, 1906	Competency.
Bradley, Simon	Edwardsville	Madison	53	Dec. 5, 1899	Competency.
Bradley, William P.	Virden	Macoupin	41	Dec. 5, 1899	Competency.
Bradshaw, Kenneth	Herrin	Williamson	24	Oct. 15, 1906	Competency.
Brady, James G.	Peoria	Peoria	23	Nov. 13, 1905	Competency.
Brady, Wilbert J.	Seatonville	Bureau	28	Jan. 14, 1907	Competency.
Bramley, George, Jr.	Kelleyville	Vermilion	26	Oct. 21, 1895	Competency.
Bramley, George, Sr.	Catlin	..do.	52	Oct. 21, 1895	Competency.
Brandenberg, F.	Belleville	St. Clair	37	Nov. 18, 1895	Competency.
Brants, Elit G.	Pekin	Tazewell	44	May 21, 1900	Competency
Brants, Theodore	..do.	..do.	21	Sept. 8, 1913	Competency.
Brasel, S. R.	Centralia	Marion	34	July 13, 1897	Competency.
Brayfield, Newton	Cartervilie	Williamson	22	Mar. 13, 1905	Competency.
Breckenridge, Ross	Lovington	Moultrie	30	Apr. 12, 1909	Competency.
Breeden, Albert H.	Lincoln	Logan	31	Oct. 12, 1914	Competency.
Bretz, Anton	Vermantown	Clinton	38	Sept. 13, 1898	Competency.
Bretz, Matt.	Belleville	St. Clair	38	June 24, 1901	Competency.
Briarty, W. M.	Duquoin	Perry	32	Aug. 12, 1907	Competency.
Brigham, Robert	Tamaroa	..do.	38	Mar. 13, 1905	Competency.
Brigham, William D.	Marion	Williamson	45	Feb. 17, 1908	Competency.
Broderick, James	Braidwood	Will	48	Mar. 13, 1905	Competency.
Bromley, Chas.	Coal City	Grundy	34	Feb. 20, 1896	Competency.
Brothers, David	Mt. Pulaski	Logan	48	Nov. 14, 1904	Competency.
Broughton, John C.	Colfeen	Montgomery	41	Nov. 18, 1895	Competency.
Brown, C. T.	Cuba	Fulton	33	Jan. 14, 1907	Competency.
Brown, Edward E.	Sparta	Randolph	33	Sept. 23, 1901	Competency.
Brown, G. A.	Iles Junction	Sangamon	38	May 16, 1896	Service.
Brown, G. A.	..do.	..do.	40	Mar. 1, 1896	Competency.
Brown, Harry L.	Duquoin	Perry	26	Jan. 12, 1903	Competency,
Brown, James A.	Springfield	Sangamon	21	Sept. 22, 1902	Competency.
Brown, Lindolph	Marion	Williamson	26	Oct. 15, 1906	Competency.
Brown, Marion	Taylorville	Christian	29	June 13, 1904	Competency.
Brown, Orval	Canton	Fulton	24	June 16, 1913	Competency.
Brown, Thomas	Moweaqua	Shelby	33	Nov. 18, 1895	Competency.
Brown, William	Murphysboro	Jackson	21	June 13, 1904	Competency.
Brown, William F.	Pontiac	Livingston	45	Dec. 5, 1899	Competency.
Brown, William H.	Duquoin	Perry	48	June 24, 1901	Competency.
Brubeck, J. W.	Pawnee	Sangamon	38	May 16, 1896	Service.
Brubeck, J. W.	..do.	..do.	43	Mar. 11, 1901	Competency.
Bruce, James	Athens	Menard	24	Dec. 5, 1899	Competency.
Brueggemann, Geo.	Nashville	Washington	30	Sept. 13, 1897	Competency.
Brueggemann, Michael A.	Belleville	St. Clair	30	Jan. 20, 1902	Competency.
Brumann, Albert	Springfield	Sangamon	51	Aug. 26, 1896	Service.
Bryant, Harry E.	Staunton	Macoupin	42	Aug. 12, 1907	Competency.
Buck, W. L.	Cuba	Fulton	33	Sept. 21, 1908	Competency.
Buckellew, Clarence	Catlin	Vermilion	21	Feb. 17, 1908	Competency.
Buckley, Calvin W.	Sparland	Marshall	44	Oct. 21, 1895	Competency
Buechler, John	Belleville	St. Clair	26	Jan. 14, 1907	Competency.
Bullock, Geo. R.	Carterville	Williamson	31	Oct. 15, 1906	Competency.
Bullock, Wm.	Collinsville	Madison	33	Oct. 15, 1900	Competency.
Bunge, George	Belleville	St. Clair	29	Nov. 14, 1904	Competency.
Burbridge, John W.	Brereton	Fulton	41	Dec. 14, 1903	Competency.
Burgess, Chas. E.	Greenview	Menard	28	May 21, 1900	Competency.
Burke, Julius	Clifford	Williamson	29	Apr. 11, 1910	Competency.
Burke, N. M.	Harrisburg	Saline	24	July 12, 1909	Competency.
Burke, Riley M.	DeSoto	Jackson	23	Oct. 15, 1900	Competency.
Burke, Robert	Oakwood	Vermilion	28	July 31, 1905	Competency.
Burkholder, Oliver W.	Dewmaine	Williamson	25	Aug. 15, 1904	Competency.

Hoisting Engineers—Continued.

Name.	Post office.	County.	Age.	Date of examination.	Kind of certificate.
Burkley, N. T	Cuba	Fulton	47	Nov. 23, 1896	Service.
Burlinson, Aaron	Percy	Randolph	53	Nov. 18, 1895	Competency.
Burnett, John W	Raleigh	Saline	45	Nov. 20, 1911	Competency.
Burngarner, Ross	Ledford	..do	21	Mar. 14, 1901	Competency.
Burr, Chauncey	Coulterville	Randolph	45	Nov. 18, 1895	Competency.
Burrell, G. K	Farmington	Fulton	31	May 16, 1896	Competency.
Burrows, Wm	Williamsville	Sangamon	54	May 21, 1900	Competency.
Butcher, Hansel	Georgetown	Vermilion	26	Mar. 13, 1905	Competency.
Butcher, Thomas	Murphysboro	Jackson	33	Oct. 21, 1895	Competency.
Butt, Thomas R	Litchfield	Montgomery	40	Nov. 18, 1895	Competency.
Byrne, Michael	LaSalle	LaSalle	35	Feb. 20, 1896	Competency.
Cagle, Alfred	Marion	Williamson	35	June 7, 1898	Competency.
Cain, Daniel	Ridgley	Sangamon	42	Feb. 20, 1896	Competency.
Cain, Daniel P	..do	..do	22	Mar. 1, 1898	Competency.
Cain, John	..do	..do	32	Feb. 20, 1896	Competency.
Callear, Geo. H	Peoria	Peoria	22	June 13, 1904	Competency.
Callear, Isaac	Pottstown	..do	40	Sept. 13, 1897	Competency.
Cameron, Daniel	Pana	Christian	42	May 16, 1896	Competency.
Camp, John R	Westville	Vermilion	31	Nov. 18, 1895	Competency.
Camp, Ralph	Texas City	Saline	21	Jan. 15, 1912	Competency.
Campbell, Albert	Pottstown	Peoria	37	Aug. 26, 1896	Service.
Campbell, Albert	Peoria	..do	44	Apr. 27, 1903	Competency.
Campbell, Fred	Sorento	Bond	43	Nov. 18, 1895	Competency.
Campbell, James	Coal City	Grundy	45	Feb. 20, 1896	Service.
Campbell, Thomas	..do	..do	26	July 20, 1903	Competency.
Campbell, W. J	..do	..do	22	Feb. 20, 1896	Competency.
Campbell, Wm. S	Brereton	Fulton	22	Feb. 8, 1915	Competency.
Campbell, W. T	Cable	Mercer	42	Aug. 15, 1904	Competency.
Cantrall, Lloyd	Athens	Menard	26	June 24, 1907	Competency.
Cantrell, H. T	Farmington	Fulton	36	Oct. 21, 1895	Competency.
Capet, Hector	Braidwood	Will	21	Nov. 1, 1909	Competency.
Caraway, Wavie	Eldorado	Saline	27	Nov. 14, 1904	Competency.
Carlson, Alex	Galva	Henry	35	Oct. 21, 1895	Service.
Carlson, Alex	..do	..do	40	Dec. 10, 1900	Competency.
Carlson, Gustaf A	Matherville	Mercer	39	June 14, 1914	Competency.
Carmichael, John	Berlin	Sangamon	21	Nov. 14, 1904	Competency.
Carmichael, Thos	Springfield	..do	40	Nov. 18, 1895	Competency.
Carpenter, Chas	Girard	Macoupin	49	May 16, 1896	Competency.
Carpenter, James T	Oakwood	Vermilion	40	Nov. 14, 1904	Competency.
Carr, James T	Peru	LaSalle	25	Jan. 17, 1910	Competency.
Carr, Robert H	Freeburg	St. Clair	29	Nov. 18, 1895	Competency.
Carrier, M. E	Carriers Mills	Saline	32	Jan. 16, 1905	Competency.
Carrington, Eugene	Moweaqua	Shelby	22	Nov. 18, 1895	Service.
Carrington, Wm. S	Torino	Will	29	July 27, 1908	Competency.
Cartell, Hue	Moweaqua	Shelby	32	June 6, 1899	Competency.
Carter, Albert J	Pinckneyville	Perry	39	Nov. 18, 1895	Service.
Carter, Albert J	Cutler	..do	42	Dec. 5, 1899	Competency.
Carter, Chas. E	Willisville	..do	34	Mar. 25, 1907	Competency.
Carter, Charles H	Barclay	Sangamon	21	Oct. 15, 1906	Competency.
Carter, Ernest	Glen Carbon	Madison	23	Apr. 16, 1906	Competency.
Carter, Roy	Barclay	Sangamon	21	Nov. 13, 1905	Competency.
Carter, W. E	..do	..do	42	July 20, 1903	Competency.
Case, Joseph	Pocahontas	Bond	35	June 16, 1913	Competency.
Casey, W. T	Johnston City	Williamson	29	Feb. 17, 1908	Competency.
Castleman, Wm. F	Springfield	Sangamon	26	Oct. 15, 1906	Competency.
Catlin, Horace M	Harrisburg	Saline	40	July 31, 1905	Competency.
Caulk, Arthur	Sorento	Bond	27	June 24, 1901	Competency.
Caulk, James F	..do	..do	49	Jan. 20, 1902	Competency.
Cearing, Sam A	Springfield	Sangamon	37	Aug. 6, 1900	Competency.
Chambers, G. W	Nokomis	Montgomery	33	Oct. 15, 1906	Competency.
Chambers, L. D	Pekin	Tazewell	22	Nov. 11, 1912	Competency.
Champion, John A	..do	..do	22	Apr. 20, 1914	Competency.
Chance, Jesse, Jr	Farmington	Fulton	25	Jan. 16, 1905	Competency.
Chandler, F. T	Sandoval	Marion	30	July 22, 1912	Competency.
Chapman, J. B	Petersburg	Menard	32	Apr. 16, 1897	Competency.
Chapman, Wm. E	Salisbury	Sangamon	28	Mar. 1, 1898	Competency.
Charles, Thomas	Coal City	Grundy	24	Nov. 13, 1905	Competency.
Charley, Raymond	Kangley	LaSalle	21	Apr. 27, 1908	Competency.
Charlton, Joseph	Belleville	St. Clair	25	Apr. 10, 1911	Competency.
Charneckey, Walter	Springvalley	Bureau	39	Jan. 8, 1906	Competency.
Charpentet, Joseph	Braidwood	Will	33	Apr. 14, 1902	Competency.
Cherry, Wm	Pawnee	Sangamon	44	Aug. 12, 1907	Competency.
Chesney, Oliver	Breese	Clinton	32	July 20, 1903	Competency.
Chester, David	Springfield	Sangamon	45	Dec. 5, 1899	Competency.
Chew, B. R	Carlinville	Macoupin	44	Nov. 18, 1895	Competency.

Hoisting Engineers—Continued.

Name.	Post office.	County.	Age.	Date of examination.	Kind of certificate.
Chew, Oliver	Sato	Jackson	25	Nov. 24, 1902	Competency.
Chitwood, Wm	Glenburn	Vermilion	41	Feb. 20, 1896	Service.
Chitwood, Wm. H	Catlin	..do	47	Nov. 25, 1901	Competency.
Chorlton, Thomas	Birkner	St. Clair	21	June 16, 1902	Competency.
Chrisman, Arthur	Girard	Macoupin	33	Nov. 11, 1912	Competency.
Christ, Phillip	Wenona	Marshall	26	Feb. 20, 1896	Competency.
Church, Ben	Marissa	St. Clair	21	Nov. 20, 1911	Competency.
Church, Van L	Duquoin	Perry	44	Aug. 6, 1900	Competency.
Church, William	Marissa	St. Clair	35	Mar. 11, 1901	Competency.
Cink, Lewis	Belleville	..do	52	May 16, 1896	Competency.
Clark, Carey	Coal City	Grundy	31	Apr. 14, 1902	Competency.
Clark, Charles N	Duquoin	Perry	20	Nov. 18, 1895	Service.
Clark, C. C	Girard	Macoupin	49	Nov. 13, 1905	Competency.
Clark, Christopher	Decatur	Macon	38	July 25, 1899	Competency.
Clark, C. N	Duquoin	Perry	23	Sept. 13, 1898	Competency.
Clark, Harry	Westville	Vermilion	28	Mar. 13, 1905	Competency.
Clark, Henry L	Petersburg	Menard	43	Feb. 22, 1904	Competency.
Clark, John	Virden	Macoupin	43	Nov. 18, 1895	Competency.
Clark, John	Marquette	Bureau	34	Feb. 20, 1896	Competency.
Clark, John R	Virden	Macoupin	21	Aug. 6, 1900	Competency.
Clark, Joseph C	Canton	Fulton	30	Apr. 12, 1909	Competency.
Clark, Quintin	Braidwood	Will	44	Oct. 21, 1895	Competency.
Claudin, Josh	Pekin	Tazewell	29	Dec. 5, 1899	Competency.
Clay, Elmer	Kangley	LaSalle	22	June 24, 1907	Competency.
Clay, Harry G	Taylorville	Christian	29	July 27, 1908	Competency.
Clayton, D. J	Johnston City	Williamson	37	May 11, 1904	Competency.
Clayton, William	Collinsville	Madison	27	Feb. 12, 1900	Competency.
Clickener, C. S	Witt	Montgomery	23	May 16, 1896	Competency.
Clifford, Mike	Kewanee	Henry	33	Oct. 21, 1895	Competency.
Clifton, W. H	Sparland	Marshall	43	May 16, 1896	Competency.
Cline, John	LaSalle	LaSalle	49	Feb. 20, 1896	Service.
Cline, John	..do	..do	53	Dec. 10, 1900	Competency.
Clink, Chas	Springfield	Sangamon	33	Jan. 16, 1905	Competency.
Clinton, Chas	Belleville	St. Clair	39	Nov. 18, 1895	Competency.
Coan, James	Westville	Vermilion	41	Nov. 14, 1904	Competency.
Coatney, Grant	Fairmount	..do	30	May 16, 1896	Competency.
Coburn, Walter A	Princeville	Peoria	37	Oct. 19, 1903	Competency.
Coker, Arthur H	McLeansboro	Hamilton	30	Oct. 24, 1910	Competency.
Coleman, Bert	LaSalle	LaSalle	30	Apr. 12, 1909	Competency.
Collar, Edward W	Belleville	St. Clair	38	Dec. 19, 1910	Competency.
Collingwood, Albert E	Springfield	Sangamon	28	Dec. 5, 1899	Competency.
Collingwood, Wm	Greenview	Menard	56	May 16, 1896	Competency.
Collins, John	Birkner	St. Clair	50	Nov. 18, 1895	Service.
Collins, John	..do	..do	55	Apr. 9, 1900	Competency.
Collins, Walter	Mt. Vernon	Jefferson	26	Dec. 5, 1899	Competency.
Colton, Geo. C	Carterville	Williamson	29	Sept. 13, 1897	Competency.
Colwell, William P	Canton	Fulton	38	Dec. 14, 1903	Competency.
Combs, William	Gillespie	Macoupin	37	Sept. 21, 1908	Competency.
Compton, James	Colfax	McLean	40	Aug. 6, 1900	Competency.
Compton, Stephen B	Sorento	Bond	31	June 24, 1901	Competency.
Comboy, Darby	Athens	Menard	36	July 27, 1908	Competency.
Conley, Clarence	Herrin	Williamson	24	July 16, 1906	Competency.
Conley, John	Streator	LaSalle	35	May 16, 1896	Competency.
Connelly, J. J	Murphysboro	Jackson	32	Nov. 18, 1895	Competency.
Connor, A. B	Cuba	Fulton	29	Mar. 25, 1907	Competency.
Conway, John	Collinsville	Madison	30	Nov. 18, 1895	Competency.
Conway, Michael	Ladd	Bureau	37	Feb. 20, 1896	Competency.
Cook, Geo	Carbon Hill	Grundy	25	Mar. 25, 1907	Competency.
Cook, George C	Hallidayboro	Jackson	30	Jan. 12, 1903	Competency.
Cook, James E	Harrisburg	Saline	25	Mar. 25, 1907	Competency.
Cook, Jesse E	Duquoin	Perry	23	July 22, 1912	Competency.
Cook, John	Peoria	Peoria	21	Mar. 13, 1905	Competency.
Cook, John	Duquoin	Perry	27	Nov. 14, 1904	Competency.
Cook, John	Elkville	Jackson	33	Nov. 14, 1904	Competency.
Cook, Phillip A	Duquoin	Perry	33	Jan. 14, 1907	Competency.
Cook, Ray	Herrin	Williamson	22	June 15, 1915	Competency.
Cook, Tom	Duquoin	Perry	27	Nov. 14, 1904	Competency.
Cook, William D	Westville	Vermilion	32	Sept. 26, 1899	Competency.
Cook, William D	..do	..do	29	May 16, 1896	Service.
Cook, Willie C	Christopher	Franklin	21	Feb. 15, 1909	Competency.
Cook, W. H	Herrin	Williamson	40	Feb. 13, 1911	Competency.
Cooper, Cass	..do	..do	33	Dec. 14, 1914	Competency.
Cooper, J. H	Niwood	Macoupin	23	Feb. 28, 1899	Competency.
Copeland, Walter	Herrin	Williamson	28	Apr. 10, 1911	Competency.

Hoisting Engineers—Continued.

Name.	Post office.	County.	Age.	Date of examination.	Kind of certificate.
Corbett, Chas	Divernon	Sangamon	28	Apr. 16, 1906	Competency.
Corbin, Earl	Rutland	LaSalle	21	Jan. 14, 1907	Competency.
Corder, Jesse	Gillespie	Macoupin	24	July 27, 1908	Competency.
Cornelius, Arthur	Cathn	Vermilion	21	July 27, 1908	Competency.
Cornelius, Richard	Fairmount	..do	28	Feb. 20, 1896	Competency.
Corrington, Eugene	Moweaqua	Shelby	22	May 16, 1896	Competency.
Corrington, Harry	Blue Mound	Macon	23	Oct. 24, 1910	Competency.
Costlion, Williard	Sparta	Randolph	41	Nov. 11, 1912	Competency.
Cottle, Elmer	Buffalo	Sangamon	28	Mar. 1, 1898	Competency.
Cotton, George	Hallidayboro	Jackson	32	Oct. 21, 1895	Service.
Cotton, George	..do	..do	33	May 16, 1896	Competency.
Cotton, Thomas	Norris	Fulton	37	July 27, 1908	Competency.
Coughlin, Ed	LaSalle	LaSalle	33	Apr. 11, 1910	Competency.
Coughlin, John	..do	..do	34	Dec. 2, 1907	Competency.
Coughlin, Peter J	..do	..do	23	June 24, 1907	Competency.
Coughlin, Thomas	..do	..do	23	Jan. 17, 1910	Competency.
Coutts, Alexander	Oglesby	..do	21	Feb. 15, 1909	Competency.
Cowley, George	Cherry	Bureau	26	Feb. 17, 1908	Competency.
Cox, John	Letford	Saline	26	Nov. 18, 1895	Service.
Cox, John	..do	..do	30	Feb. 12, 1900	Competency.
Cox, William	Rutland	LaSalle	29	Feb. 12, 1900	Competency.
Craddock, Robert	Auburn	Sangamon	33	Apr. 14, 1902	Competency.
Craft, George	Kangley	LaSalle	25	Nov. 24, 1902	Competency.
Craig, Daniel	Danville	Vermilion	51	May 16, 1896	Service.
Craig, Daniel	..do	..do	51	June 6, 1899	Competency.
Craig, Daniel G	..do	..do	24	May 21, 1900	Competency.
Craig, E. J	Herrin	Williamson	33	Sept. 8, 1913	Competency.
Crawford, Clarence	Benton	Franklin	22	June 14, 1914	Competency.
Crawford, O. W	Collison	Vermilion	24	Feb. 15, 1909	Competency.
Crawshaw, David B	Harrisburg	Saline	63	Oct. 19, 1903	Competency.
Crawson, Wm	O'Fallon	St. Clair	32	Nov. 18, 1895	Service.
Crenshaw, John	Marion	Williamson	20	Jan. 12, 1903	Competency.
Crews, Jesse	Hallidayboro	Jackson	28	Jan. 16, 1905	Competency.
Crinegan, Barney	LaSalle	LaSalle	44	May 16, 1896	Service.
Crinegan, Barney	..do	..do	48	May 21, 1900	Competency.
Crofts, James	Cardiff	Livingston	26	Nov. 13, 1905	Competency.
Croker, Ed	Marquette	Bureau	32	Oct. 21, 1895	Service.
Croker, Edward	..do	..do	33	May 16, 1896	Competency.
Crouch, Millard F	Nilwood	Macoupin	35	Nov. 24, 1902	Competency.
Crouther, John	Carterville	Williamson	30	Mar. 25, 1907	Competency.
Cruickshanks, John	East Peoria	Tazewell	21	Feb. 12, 1900	Competency.
Cruickshanks, Robt	Middlegrove	Fulton	21	Sept. 13, 1897	Competency.
Cruickshanks, Wm. A	East Peoria	Tazewell	28	Feb. 12, 1900	Competency.
Cruickshanks, W. A	Middlegrove	Fulton	23	Oct. 21, 1895	Service.
Cruthers, Zena B	Taylorville	Christian	31	Mar. 11, 1901	Competency.
Cryder, James W	Divernon	Sangamon	42	May 21, 1900	Competency.
Cummings, Geo	Pana	Christian	42	Nov. 18, 1895	Competency.
Cummings, Geo. A. P	Gardner	Grundy	56	Feb. 20, 1896	Competency.
Cummings, G. P	Sparland	Marshall	39	Oct. 21, 1895	Competency.
Cummings, Robt. W	Sparta	Randolph	33	May 16, 1896	Competency.
Cunningham, Wm	Swanwick	Perry	23	Nov. 13, 1905	Competency.
Cutler, Frank H	Princeville	Peoria	29	Apr. 9, 1900	Competency.
Cutler, George	Duquoin	Perry	38	July 22, 1912	Competency.
Cutler, Scott	..do	..do	33	Jan. 12, 1903	Competency.
Daenzer, Anton	Glen Carbon	Madison	48	Feb. 12, 1900	Competency.
Dahm, John, Jr	Belleville	St. Clair	24	Apr. 16, 1906	Competency.
Dahm, Joseph N	..do	..do	25	Apr. 10, 1911	Competency.
Daley, Thomas	Diamond	Grundy	30	Feb. 20, 1896	Service.
Dalhaus, Frank C	Staunton	Macoupin	41	June 6, 1899	Competency.
Dalhaus, Frank	Beckemeyer	Clinton	23	July 12, 1909	Competency.
Dalluge, R. F	Taylorville	Christian	35	Apr. 27, 1908	Competency.
Dalton, Glenn	Elmwood	Peoria	22	Nov. 1, 1909	Competency.
Dalton, Isam	Yates City	Knox	33	Apr. 14, 1902	Competency.
Daly, Michael	Collinsville	Madison	45	Apr. 16, 1912	Competency.
Daly, Thomas	Diamond	Grundy	38	Oct. 15, 1900	Competency.
Danah, John M	Springfield	Sangamon	40	Feb. 20, 1896	Competency.
Daniel, Jacob M	Wyoming	Stark	26	June 24, 1907	Competency.
Daniel, James	Belleville	St. Clair	30	Nov. 18, 1895	Competency.
Daniels, Joel	..do	..do	23	Nov. 18, 1895	Competency.
Dankins, Thos. G	Braceville	Grundy	32	Nov. 18, 1895	Competency.
Darnstater, Wm	New Athens	St. Clair	22	Nov. 23, 1896	Competency.
Dauck, John	LaSalle	LaSalle	32	Oct. 21, 1895	Service.
Dauck, John	..do	..do	36	*Jan. 3, 1900	Competency.
Daum, Carl	Murphysboro	Jackson	22	July 27, 1908	Competency.
Davenport, Geo	Harrisburg	Saline	21	Nov. 13, 1905	Competency.

HOISTING ENGINEERS—Continued.

Name.	Post office.	County.	Age.	Date of examination.	Kind of certificate.
Davenport, Thomas	Harrisburg	Saline	31	Mar. 11, 1901	Competency.
Davenport, Thomas	..do	..do	26	Nov. 18, 1895	Service.
Davidson, Arthur	Oakwood	Vermilion	25	June 24, 1907	Competency.
Davies, B. D	Coffeen	Montgomery	28	Feb. 28, 1899	Competency.
Davies, Jackson	Athens	Menard	26	July 13, 1897	Competency.
Davies, James A	Hillsboro	Montgomery	42	Feb. 28, 1899	Competency.
Davis, Bert	Farmington	Fulton	24	Feb. 15, 1909	Competency.
Davis, Carl	St. John	Perry	25	Apr. 14, 1902	Competency.
Davis, Chas. A	Belleville	St. Clair	32	Feb. 22, 1904	Competency.
Davis, Charles W	Edinburg	Christian	37	Sept. 26, 1899	Competency.
Davis, Clarence E	Divernon	Sangamon	33	July 20, 1903	Competency.
Davis, Cyrus	Marion	Williamson	26	Nov. 13, 1905	Competency.
Davis, Elmer	West Frankfort	Franklin	30	May 15, 1916	First class.
Davis, E. E	Auburn	Sangamon	33	Oct. 21, 1895	Competency.
Davis, Ernest	Carterville	Williamson	23	June 16, 1913	Competency.
Davis, Frank	St. John	Perry	29	Apr. 14, 1902	Competency.
Davis, Frank	Lincoln	Logan	40	May 16, 1896	Competency.
Davis, George W	Hanna City	Peoria	56	Oct. 21, 1895	Service.
Davis, Hardin	Eldorado	Saline	36	Nov. 14, 1904	Competency.
Davis, Harry J	Duquoin	Perry	51	Nov. 23, 1896	Competency.
Davis, James P	Belleville	St. Clair	53	May 16, 1896	Competency.
Davis, John	..do	..do	65	Nov. 23, 1896	Competency.
Davis, John W	Lake Creek	Williamson	24	June 7, 1898	Competency.
Davis, L. D	Coffeen	Montgomery	28	Nov. 18, 1895	Competency.
Davis, Ray	Benton	Franklin	22	Jan. 6, 1913	Competency.
Davis, Thomas	Belleville	St. Clair	46	Feb. 12, 1900	Competency.
Davis, Thomas	Swanwick	Perry	42	Nov. 18, 1895	Service.
Davis, Wm. H	Fairbury	Livingston	35	Feb. 22, 1904	Competency.
Davis, Wm. H	Streator	LaSalle	26	Nov. 23, 1896	Service.
Davison, J. G	St. John	Perry	32	Nov. 18, 1895	Service.
Davison, John C	..do	..do	36	Feb. 12, 1900	Competency.
Davison, Joseph	Sherrard	Mercer	27	Dec. 5, 1899	Competency.
Dawson, John	Streator	LaSalle	39	Oct. 21, 1895	Service.
Dawson, John E	..do	..do	43	Sept. 26, 1899	Competency.
Dawson, Thomas	..do	..do	21	Nov. 23, 1896	Service.
Dawson, Van C	Springvalley	Bureau	47	June 7, 1898	Competency.
Dawson, V. C	..do	..do	45	May 16, 1896	Service.
Day, Benj. F	Peoria	Peoria	39	Mar. 11, 1901	Competency.
Day, James	..do	..do	51	Jan. 8, 1906	Competency.
Dayton, William	Pekin	Tazewell	22	Dec. 2, 1907	Competency.
Deans, Robert	Belleville	St. Clair	32	July 25, 1899	Competency.
Deaton, L. B	Tallula	Menard	39	Oct. 21, 1895	Competency.
Deaton, Wm. S	Greenview	..do	35	Apr. 9, 1900	Competency.
DeBacher, Thomas	Elmwood	Peoria	44	Oct. 21, 1895	Service.
DeBacher, Thomas	..do	..do	44	Nov. 18, 1895	Competency.
Decker, William	Oglesby	LaSalle	24	Sept. 22, 1902	Competency.
Dee, Henry	Glen Carbon	Madison	27	Nov. 18, 1895	Competency.
DeHass, B. L	Tallula	Menard	30	Nov. 23, 1896	Service.
Deitrich, Phil	Freeburg	St. Clair	24	May 16, 1896	Service.
DeJarnett, Thos	Mt. Vernon	Jefferson	26	Sept. 13, 1897	Competency.
Delapp, Robt. E	Willisville	Perry	40	Apr. 9, 1900	Competency.
Delory, Wm	Westville	Vermilion	28	May 16, 1896	Competency.
Dempsey, Columbus E	Harrisburg	Saline	29	June 13, 1904	Competency.
Dent, Walter	Coal City	Grundy	21	Feb. 17, 1908	Competency.
Dent, Wm	Diamond	..do	41	Feb. 20, 1896	Competency.
Denton, Fred	Petersburg	Menard	30	Mar. 13, 1905	Competency.
Denton, Oren M	Coffeen	Montgomery	29	Oct. 19, 1903	Competency.
Denton, William	Petersburg	Menard	53	Apr. 14, 1902	Competency.
Deppe, Earl	Christopher	Franklin	23	June 16, 1913	Competency.
Derrington, Clark	Herrin	Williamson	24	July 31, 1905	Competency.
Derrington, Walter	..do	..do	26	Apr. 14, 1902	Competency.
Devlin, Francis	Clark City	Kankakee	27	Sept. 23, 1901	Competency.
Dick, David	Canton	Fulton	29	Nov. 11, 1912	Competency.
Dick, Robert	Sunfield	Perry	32	Oct. 21, 1895	Competency.
Diehl, Fred	Belleville	St. Clair	21	Apr. 16, 1912	Competency.
Diekratger, Matt	Beckemeyer	Clinton	34	Sept. 21, 1908	Competency.
Digman, F. M	Witt	Montgomery	29	Nov. 30, 1908	Competency.
Dillon, John	Auburn	Sangamon	25	Mar. 1, 1898	Competency.
Dillon, John	..do	..do	23	Nov. 18, 1895	Service.
Dillon, William	..do	..do	21	Oct. 15, 1900	Competency.
Dilmore, Frank	Springfield	..do	38	Nov. 18, 1895	Competency.
Ditmer, P. L	Taylorville	Christian	39	Jan. 15, 1912	Competency.
Dixon, Frederick W	Springfield	Sangamon	32	Apr. 14, 1902	Competency
Dixon, George	Wenona	Marshall	38	Mar. 1, 1898	Competency.
Dixon, J. C	Benton	Franklin	34	Apr. 12, 1909	Competency.
Dixon, John	Streator	LaSalle	36	Apr. 12, 1909	Competency.

Hoisting Engineers—Continued.

Name.	Post office.	County.	Age.	Date of examination.	Kind of certificate.
Dodd, John	Peoria	Peoria	21	May 15, 1916	First class.
Dodd, Sam	Pottstown	..do	21	Aug. 26, 1896	Service.
Dodd, Samuel H	..do	..do	25	July 25, 1899	Competency.
Dodwell, Ed. J	Decatur	Macon	50	May 16, 1896	Competency.
Doe, R. P	Glen Carbon	Madison	38	Nov. 18, 1895	Service.
Doehring, Fred	Mt. Olive	Macoupin	26	Sept. 13, 1898	Competency.
Dold, Joseph	Springfield	Sangamon	34	Apr. 20, 1914	Competency.
Donaldson, J. W., Jr	Dunfermline	Fulton	27	Sept. 26, 1899	Competency.
Donaldson, James, Jr	Kangley	LaSalle	23	Dec. 2, 1907	Competency.
Donaldson, James	..do	..do	45	Nov. 13, 1905	Competency.
Donnelly, John	Springfield	Sangamon	57	Oct. 19, 1903	Competency.
Donnelly, John P	LaSalle	LaSalle	24	Nov. 30, 1908	Competency.
Doolin, E. J	Pontiac	Livingston	23	Feb. 28, 1899	Competency.
Doolin, E. W	..do	..do	42	Mar. 1, 1898	Competency.
Dorris, Fritz C	Breese	Clinton	36	Nov. 13, 1905	Competency.
Dougherty, Frank	Taylorville	Christian	21	Mar. 25, 1907	Competency.
Dougherty, John	Benton	Franklin	23	Nov. 11, 1912	Competency.
Dougherty, Joseph	Taylorville	Christian	38	Nov. 18, 1895	Competency.
Dove, Charles W	Glen Carbon	Madison	22	July 20, 1903	Competency.
Dove, R. J	..do	..do	40	Aug. 6, 1900	Competency.
Dowler, John	Auburn	Sangamon	37	Oct. 21, 1895	Competency.
Dowling, Ira T	Springfield	..do	24	Oct. 21, 1895	Competency.
Downes, J. L	Johnston City	Williamson	32	Jan. 16, 1905	Competency.
Downing, Robt. D	Bartonville	Peoria	25	Aug. 6, 1900	Competency.
Downs, L	Cuba	Fulton	38	Nov. 14, 1904	Competency.
Drake, Benj	Nilwood	Macoupin	31	Mar. 25, 1907	Competency.
Drake, Wm	Streator	LaSalle	34	Nov. 23, 1896	Competency.
Drennan, Lawrence H	Blue Mound	Macon	27	Oct. 19, 1903	Competency.
Drischel, Fred W	Taylorville	Christian	30	Oct. 15, 1900	Competency.
Driver, Wesley	Belleville	St. Clair	21	Apr. 16, 1912	Competency.
Droy, John	Troy	Madison	41	Aug. 6, 1900	Competency.
Duffy, Glen E	Collinsville	..do	24	Aug. 26, 1896	Competency.
Dugges, Bert A	..do	..do	28	Dec. 14, 1903	Competency.
Duncan, Chas. W	Johnston City	Williamson	34	Feb. 17, 1908	Competency.
Duncan, J. R	LaSalle	LaSalle	47	Oct. 21, 1895	Competency.
Dunihoo, Arch	Carterville	Williamson	35	Feb. 17, 1908	Competency.
Dunlap, Bert	Nokomis	Montgomery	29	Nov. 13, 1905	Competency.
Dunn, Luther A	Duquoin	Perry	27	Oct. 19, 1903	Competency.
Dunn, William L	Clark City	Kankakee	25	Oct. 15, 1900	Competency.
Dunnihoo, James	Carterville	Williamson	23	Sept. 21, 1908	Competency.
Dunsmore, Thomas	Springfield	Sangamon	37	Dec. 5, 1899	Competency.
Dunstedter, Wm. S	Edwardsville	Madison	38	Sept. 13, 1898	Competency.
Durham, Geo	Glen Carbon	..do	21	Mar. 13, 1905	Competency.
Durham, H. E	Benton	Franklin	29	Feb. 13, 1911	Competency.
Durham, James S	Lake Creek	Williamson	42	Nov. 24, 1902	Competency.
Durnham, Thos. W	Glen Carbon	Madison	23	July 12, 1909	Competency.
Dyer, Henry	Duquoin	Perry	32	May 16, 1896	Competency.
Easley, Harrison	Taylorville	Christian	26	July 20, 1903	Competency.
Easley, Henry E	Hillsboro	Montgomery	27	Apr. 16, 1906	Competency.
Eastham, G. A	Girard	Macoupin	26	Nov. 18, 1895	Competency.
Easton, Geo	Willisville	Perry	50	June 6, 1899	Competency.
Eaton, A. C	Duquoin	..do	32	June 6, 1899	Competency.
Eaton, Robert	Sunfield	..do	24	Nov. 14, 1904	Competency.
Eccleston, John	Streator	LaSalle	33	Dec. 5, 1899	Competency.
Eddy, Evermont	Athens	Menard	29	May 16, 1896	Competency.
Eddy, Fred	..do	..do	24	Feb. 9, 1914	Competency.
Eddy, Melvin	..do	..do	36	Apr. 16, 1906	Competency.
Edwards, Fidellis	Wasson	Saline	23	Nov. 11, 1912	Competency.
Edwards, Geo. W	Springfield	Sangamon	33	May 16, 1896	Service.
Edwards, Geo. W	..do	..do	33	Nov. 23, 1896	Competency.
Edwards, Joseph	Coulterville	Randolph	27	Nov. 30, 1908	Competency.
Edwards, Thomas	Springvalley	Bureau	30	June 7, 1898	Competency.
Ekis, Daniel B	Springfield	Sangamon	52	Feb. 20, 1896	Service.
Ekis, Daniel B	..do	..do	54	June 6, 1899	Competency.
Ekis, Henry	Ridgley	..do	46	Dec. 5, 1899	Competency.
Elam, Edgar E	Smithboro	Bond	21	Nov. 30, 1908	Competency.
Elias, William L	Kangley	LaSalle	26	Dec. 2, 1907	Competency.
Elliott, Clarence	Bryant	Fulton	28	Oct. 21, 1895	Competency.
Elliott, Delbert	Canton	..do	22	Dec. 2, 1907	Competency.
Elliott, Dwight	Stonington	Christian	38	Dec. 14, 1914	Competency.
Elliott, H. H	Centralia	Marion	32	May 16, 1896	Competency.
Elliott, Henry	Herrin	Williamson	26	July 27, 1908	Competency.
Elliott, Orphie	Marion	..do	30	Feb. 9, 1914	Competency.
Ellis, Albert	Cable	Mercer	25	Feb. 20, 1896	Competency.
Elemendorf, Edw	Belleville	St. Clair	44	Apr. 27, 1903	Competency.

Hoisting Engineers—Continued.

Name.	Post office.	County	Age.	Date of examination.	Kind of certificate.
Elmore, V. M.	Coffeen	Montgomery	26	Nov. 18, 1895	Competency.
Emans, Ranson R.	Farmington	Fulton	22	June 7, 1898	Competency.
Emery, H. W.	Greenville	Menard	37	Feb. 20, 1896	Competency.
Epsom, Thomas	Ledford	Saline	28	July 22, 1912	Competency.
Engle, H. P.	Cuba	Fulton	33	Jan. 14, 1907	Competency.
English, Thomas	Streator	LaSalle	34	June 7, 1898	Competency.
Erisman, Jacob D.	Niantic	Macon	40	Nov. 18, 1895	Competency.
Erisman, Jessie	..do	..do	21	Oct. 21, 1895	Competency.
Erisman, Thos. J.	Springfield	Sangamon	31	July 12, 1909	Competency.
Essex, George W.	Soperville	Knox	34	May 16, 1896	Service.
Estes, W. B.	Danville	Vermilion	59	Feb. 28, 1899	Competency.
Evans, Albert	Glen Carbon	Madison	33	Nov. 18, 1895	Service.
Evans, Albert	..do	..do	36	July 25, 1899	Competency.
Evans, C. L.	Virden	Macoupin	23	Nov. 18, 1895	Competency.
Evans, Peter H.	Girard	..do	33	Mar. 1, 1898	Competency.
Evans, Price	Bissel	Sangamon	24	Mar. 1, 1898	Competency.
Evans, Roderick B.	Girard	Macoupin	37	Feb. 12, 1900	Competency.
Evans, Roy	Tilden	Randolph	26	Mar. 25, 1907	Competency.
Evans, Thomas	Spaulding	Sangamon	30	Dec. 5, 1899	Competency.
Evans, E.	Danville	Vermilion	32	May 16, 1896	Competency.
Evans, W. H.	Marion	Williamson	32	Jan. 14, 1907	Competency.
Evans, William L.	Eldorado	Saline	33	June 13, 1904	Competency.
Everett, Chas.	Rutland	LaSalle	37	May 16, 1896	Service.
Ewell, C. C.	Harrisburg	Saline	23	Sept. 8, 1913	Competency.
Ewell, Otto	..do	..do	25	June 16, 1913	Competency.
Eydman, Henry	Coulterville	Randolph	24	May 21, 1900	Competency.
Eyerly, John C.	Canton	Fulton	39	Aug. 15, 1904	Competency.
Eynon, David	Duquoin	Perry	38	Nov. 14, 1904	Competency.
Eytman, Frank	Springvalley	Bureau	38	Sept. 26, 1899	Competency.
Fabry, August	Braceville	Grundy	38	Dec. 14, 1903	Competency.
Fahay, John	Decatur	Macon	36	Nov. 18, 1895	Competency.
Fahay, John E.	..do	..do	22	Feb. 17, 1908	Competency.
Fairlie, William	Cambridge	Henry	25	Mar. 25, 1907	Competency.
Falcetti, Oscar	Virden	Macoupin	23	May 15, 1916	First class.
Falkenstein, Geo. A.	Astoria	Fulton	30	Apr. 13, 1897	Competency.
Fallon, Michael	Braidwood	Will	22	Feb. 15, 1909	Competency.
Farley, James	Riverton	Sangamon	54	May 16, 1896	Competency.
Farmer, Richard	Glen Carbon	Madison	36	Jan. 8, 1906	Competency.
Fay, John E.	Murphysboro	Jackson	23	July 31, 1905	Competency.
Fenton, M. N.	Streator	LaSalle	41	Jan. 12, 1903	Competency.
Ferguson, John B.	Divernon	Sangamon	40	Apr. 27, 1903	Competency.
Ferguson, John K.	Springvalley	Bureau	46	June 7, 1898	Competency.
Ferren, Edward	Barclay	Sangamon	28	Feb. 12, 1900	Competency.
Ferris, W. H.	Marquette	Bureau	30	Mar. 1, 1898	Competency.
Field, Berton	Elmwood	Peoria	30	Apr. 17, 1905	Competency.
Fillingham, J. A.	Canton	Fulton	24	May 16, 1896	Competency.
Finegan, Wm. H.	Springfield	Sangamon	52	Nov. 25, 1901	Competency.
Finley, Earl C.	Sparta	Randolph	27	July 27, 1908	Competency.
Finnigan, Thos. J.	Springfield	Sangamon	39	Nov. 23, 1896	Competency.
Firth, Wm. R.	Cutler	Perry	34	Oct. 15, 1906	Competency.
Fischer, George	Staunton	Macoupin	26	May 16, 1896	Service.
Fischer, Philip	Lenzburg	St. Clair	28	May 16, 1896	Competency.
Fisher, Carl	Fairmount	Vermilion	21	July 27, 1908	Competency.
Fisher, George	Staunton	Macoupin	27	Apr. 13, 1897	Competency.
Fisher, Patrick	Kangley	LaSalle	42	Oct. 21, 1895	Service.
Fisher, Patrick	..do	..do	46	July 25, 1899	Competency.
Fitch, Chas.	Carterville	Williamson	31	July 31, 1905	Competency.
Fitzsimmons, Maurice	Peru	LaSalle	32	Feb. 28, 1899	Competency.
Flahavin, Lewis	Lincoln	Logan	33	Sept. 21, 1908	Competency.
Fleming, Fred	Taylorville	Christian	26	June 15, 1915	Competency.
Flesher, A.	..do	..do	24	May 16, 1896	Competency.
Flesher, Othello	Clay City	Clay	35	Dec. 14, 1903	Competency.
Fletcher, Henry A.	Ladd	Bureau	21	June 7, 1898	Competency.
Fletcher, Illey W.	Springfield	Sangamon	49	Jan. 12, 1903	Competency.
Fogerson, Andrew	Central City	Marion	40	June 24, 1901	Competency.
Foote, Charles	Westville	Vermilion	25	July 25, 1899	Competency.
Foote, William	..do	..do	28	June 6, 1899	Competency.
Forman, H. S.	Gillespie	Macoupin	32	Nov. 20, 1911	Competency.
Forrester, Robert	Murphysboro	Jackson	46	Aug. 26, 1896	Competency.
Forrester, Wm.	..do	..do	31	Nov. 18, 1895	Competency.
Fortney, John W.	Kinmundy	Marion	27	Sept. 13, 1897	Competency.
Forwood, L. C.	Springfield	Sangamon	32	Aug. 6, 1900	Competency.
Foster, Albert	Elmwood	Peoria	30	Aug. 6, 1900	Competency.
Foster, A. J.	Litchfield	Montgomery	40	Mar. 1, 1898	Competency.
Foster, Martin	Eldorado	Saline	32	Jan. 17, 1910	Competency.

Hoisting Engineers—Continued.

Name.	Post office.	County.	Age.	Date of examination.	Kind of certificate.
Fox, Arthur	Springfield	Sangamon	21	Nov. 13, 1905	Competency.
Fox, Frank L	Assumption	Christian	31	Apr. 13, 1897	Competency.
Fox, Fred	Middlegrove	Fulton	29	June 24, 1901	Competency.
Fox, James R	LaSalle	LaSalle	40	May 16, 1896	Competency.
Fox, Thomas	Lincoln	Logan	39	Dec. 5, 1899	Competency.
Fox, William	Taylorville	Christian	41	Apr. 14, 1902	Competency.
Frain, Austin	Ridge Prairie	St. Clair	36	Aug. 26, 1896	Competency.
France, Allan F	Sparta	Randolph	31	Dec. 15, 1913	Competency.
Francis, John G	Streator	LaSalle	26	Mar. 25, 1907	Competency.
Frankland, Tim	do	do	34	May 16, 1896	Competency.
Frazell, Chas. A	Farmington	Fulton	31	Apr. 27, 1908	Competency.
Freeland, Frank	Hillsboro	Montgomery	26	Jan. 14, 1907	Competency.
Freeman, E. F	Duquoin	Perry	39	Mar. 1, 1898	Competency.
Freeman, M. F	Shelbyville	Shelby	28	Mar. 1, 1898	Competency.
Frick, George W	Marion	Williamson	31	Dec. 2, 1907	Competency.
Frick, U. B	Lake Creek	do	27	Feb. 28, 1899	Competency.
Friend, Elmer A	Collinsville	Madison	29	Jan. 12, 1903	Competency.
Friend, J. W	do	do	53	Nov. 18, 1895	Competency.
Friend, Wm. L	do	do	23	June 7, 1898	Competency.
Frier, Jacob	Hornsby	Macoupin	43	Nov. 18, 1895	Competency.
Friesland, C. M	Coffeen	Montgomery	27	Mar. 1, 1898	Competency.
Fritz, Gustave	Breese	Clinton	20	Nov. 18, 1895	Competency.
Fritz, William	Lebanon	St. Clair	32	Nov. 14, 1904	Competency.
Fry, D. W	Clark City	Kankakee	38	Oct. 21, 1895	Competency.
Frye, Wm. S	Coal City	Grundy	23	Nov. 13, 1905	Competency.
Full, Richard	Roanoke	Woodford	21	Sept. 21, 1908	Competency.
Fuller, Frank	Caseyville	St. Clair	25	Feb. 15, 1909	Competency.
Fuller, John S	Springfield	Sangamon	41	Nov. 13, 1905	Competency.
Fuller, Phillip H	Pekin	Tazewell	32	July 27, 1908	Competency.
Furguson, S. P	Strausburg	Shelby	23	Aug. 26, 1896	Competency.
Furlong, A. G	Carriers Mills	Saline	46	July 27, 1908	Competency.
Fusten, D. H	Murphysboro	Jackson	33	Nov. 18, 1895	Competency.
Gahn, Earl	Marion	Williamson	22	Dec. 2, 1907	Competency.
Galatia, Chas. M	Carterville	do	29	Apr. 27, 1903	Competency.
Gallager, Peter	Clark City	Kankakee	26	Feb. 20, 1896	Competency.
Gallagher, Geo	Lebanon	St. Clair	32	June 13, 1904	Competency.
Gallaway, Alexander	Peoria	Peoria	25	Apr. 27, 1908	Competency.
Gamber, Harry H	Zeigler	Franklin	27	Oct. 19, 1903	Competency.
Gandy, James W	Peoria	Peoria	54	Oct. 21, 1895	Service.
Gandy, James W	do	do	59	June 24, 1901	Competency.
Garlits, Jackson	Mechanicsburg	Sangamon	31	June 27, 1910	Competency.
Garrett, Bert	Moweaqua	Shelby	24	Apr. 17, 1905	Competency.
Gaskins, Asa	Harrisburg	Saline	28	Mar. 11, 1901	Competency.
Gaskins, Bert	do	do	21	Jan. 14, 1907	Competency.
Gately, Albert	Granville	Putnam	21	Apr. 16, 1906	Competency.
Gately, Barney, Jr	do	do	23	Mar. 25, 1907	Competency.
Gately, Bernard	Diamond	Grundy	44	Sept. 23, 1901	Competency.
Gately, James	Seatonville	Bureau	22	May 16, 1896	Competency.
Gates, Wm. S	Kankakee	Kankakee	21	May 16, 1896	Competency.
Gatton, Thomas	Divernon	Sangamon	41	June 24, 1907	Competency.
Gaughan, James	Braidwood	Will	34	Feb. 20, 1896	Competency.
Geer, Ben H	Wolcott	Peoria	32	June 7, 1898	Competency.
Geer, Chauncey N	do	do	38	June 24, 1901	Competency.
Geer, N. J	Pekin	Tazewell	42	June 7, 1898	Competency.
Geishek, Mathew	Springfield	Sangamon	33	Jan. 8, 1906	Competency.
Geistdorfer, Fred	DeSoto	Jackson	41	Sept. 13, 1898	Competency.
Gerfen, Henry	Troy	Madison	27	Nov. 18, 1895	Competency.
Gergen, Edward	Pinckneyville	Perry	25	Jan. 17, 1910	Competency.
Gerjets, Harry	Athens	Menard	28	Aug. 6, 1900	Competency.
Gerner, Fred	Danville	Vermilion	29	June 24, 1901	Competency.
Geyer, J. A	Wanlock	Mercer	27	Feb. 28, 1899	Competency.
Gibson, Charles E	Sandoval	Marion	23	June 14, 1914	Competency.
Gibson, Daniel	Girard	Macoupin	38	Feb. 13, 1911	Competency.
Gibson, Ernest	Pawnee	Sangamon	24	Apr. 11, 1910	Competency.
Gibson, Henry	Coal City	Grundy	29	Sept. 23, 1901	Competency.
Gibson, James W	Sherrard	Mercer	22	July 20, 1903	Competency.
Gibson, John	Sandoval	Marion	39	May 16, 1896	Competency.
Giebelhausen, Jacob	Peoria	Peoria	22	Apr. 27, 1908	Competency.
Gierten, Wm	Pinckneyville	Perry	22	Apr. 16, 1906	Competency.
Giffen, Roy	Elkville	Jackson	30	Oct. 11, 1915	First class.
Gigley, J. F	Peoria	Peoria	32	Apr. 27, 1908	Competency.
Gilchrist, H. M	Gilchrist	Mercer	26	Nov. 14, 1904	Competency.
Gillison, R. W	Danville	Vermilion	30	Nov. 18, 1895	Competency.
Gilmour, Allen	Diamond	Grundy	24	Dec. 5, 1899	Competency.
Gilmore, Frank	Alexis	Warren	49	Jan. 10, 1916	Second class.

Hoisting Engineers—Continued.

Name.	Post office.	County.	Age.	Date of examination.	Kind of certificate.
Gilmore, Jesse E	Hillsboro	Montgomery	32	Oct. 19, 1903	Competency.
Ginn, Jacob	Tilden	Randolph	36	Feb. 15, 1909	Competency.
Girat, Peter J	Diamond	Grundy	30	Sept. 21, 1908	Competency.
Glackin, Hugh	Coal City	..do	23	July 25, 1899	Competency.
Gladdens, Wm	..do	..do	30	Nov. 18, 1895	Competency.
Gladson, Everett	Duquoin	Perry	28	Jan. 12, 1903	Competency.
Gladson, Frank	..do	..do	25	Apr. 27, 1903	Competency.
Glasford, Oliver	Orchard Mines	Peoria	32	Oct. 21, 1895	Service.
Glass, Reuben	Edwardsville	Madison	21	Apr. 14, 1902	Competency.
Gleichman, Herman	Collinsville	..do	25	Jan. 8, 1906	Competency.
Gleason, Phil	Williamsville	Sangamon	49	May 16, 1896	Service.
Glennan, Phillip	..do	..do	53	Apr. 9, 1900	Competency.
Glennon, John	Riverton	..do	54	Mar. 11, 1901	Competency.
Glore, Frederick	Peoria	Peoria	29	June 13, 1904	Competency.
Goalby, Frank, Jr	Belleville	St. Clair	22	Jan. 14, 1907	Competency.
Goalby, Walter A	..do	..do	21	Apr. 27, 1903	Competency.
Goalby, William L	..do	..do	24	Nov. 11, 1912	Competency.
Goddard, Wesley L	Lake Creek	Williamson	35	Apr. 27, 1903	Competency.
Goddard, William H	Spillertown	..do	27	Dec. 5, 1899	Competency.
Goesman, John, Jr	Bunker Hill	Macoupin	39	Mar. 25, 1907	Competency.
Goforth, William	Pana	Christian	38	Feb. 12, 1900	Competency.
Golby, Arthur A	Percy	Randolph	26	Nov. 18, 1895	Competency.
Golby, B. F	..do	..do	23	Nov. 18, 1895	Competency.
Golby, Frank H	Sookey	St. Clair	39	Nov. 18, 1895	Competency.
Golliher, Howard	Herrin	Williamson	35	July 20, 1903	Competency.
Good, Luther	West Frankfort	Franklin	28	Jan. 10, 1916	First class.
Goodwin, Roy	Benton	..do	24	Apr. 11, 1910	Competency.
Goodman, R. W	Herrin	Williamson	24	Apr. 27, 1908	Competency.
Gorden, Alexander B	O'Fallon	St. Clair	43	Nov. 25, 1901	Competency.
Gorden, Edward W	Pinckneyville	Perry	29	Apr. 9, 1900	Competency.
Gordon, Eli J	Petersburg	Menard	37	Oct. 21, 1895	Competency.
Gordon, Ralph L	Cambridge	Henry	35	Dec. 19, 1910	Competency.
Gordon, William A	O'Fallon	St. Clair	24	Apr. 11, 1910	Competency.
Gorham, A. B	New Douglas	Madison	46	Aug. 15, 1904	Competency.
Gorman, John	Lincoln	Logan	25	Oct. 19, 1903	Competency.
Gorwin, Frank	Greenridge	Macoupin	32	June 7, 1898	Competency.
Gosnell, Geo. W	Herrin	Williamson	23	Dec. 10, 1900	Competency.
Gottschalk, Fred	Springfield	Sangamon	55	Jan. 20, 1902	Competency.
Gould, George	Sato	Jackson	39	Nov. 18, 1895	Competency
Gowan, Charlie	Carterville	Williamson	30	Oct. 11, 1915	First class.
Gowin, Curtis C	Greenridge	Macoupin	22	Oct. 15, 1900	Competency
Graden, Orville B	Taylorville	Christian	29	Mar. 11, 1901	Competency.
Graeff, J. L	Murphysboro	Jackson	27	Feb. 15, 1909	Competency.
Graham, J. A	Nilwood	Macoupin	55	May 16, 1896	Service.
Graham, L. A	Jacksonville	Morgan	33	Oct. 21, 1895	Competency.
Graham, Reuben	Virden	Macoupin	30	July 25, 1899	Competency.
Graham, William	Springfield	Sangamon	40	Nov. 25, 1901	Competency.
Grant, Harry	Pawnee	..do	22	July 27, 1908	Competency.
Grant, Lewis	Pekin	Tazewell	33	Dec. 10, 1900	Competency.
Grattendick, Fred	Okawville	Washington	47	May 16, 1896	Service.
Graves, Allen	Nashville	..do	56	Nov. 18, 1895	Service.
Gray, Charles H	Springfield	Sangamon	24	Dec. 5, 1899	Competency.
Gray, Thomas	..do	..do	58	Oct. 15, 1900	Competency.
Greaves, Walter	Ladd	Bureau	28	May 16, 1896	Competency.
Green, Daniel	Braidwood	Will	41	Oct. 21, 1895	Competency.
Green, Joseph	Canton	Fulton	33	Aug. 6, 1900	Competency.
Green, P. Allen	S. Wilmington	Grundy	22	Nov. 1, 1909	Competency.
Green, Robert A	Coffeen	Montgomery	35	Jan. 12, 1903	Competency.
Green, Roy	S. Wilmington	Grundy	21	Oct. 19, 1903	Competency.
Green, Thomas	Marissa	St. Clair	24	Nov. 18, 1895	Competency.
Green, William H	Streator	LaSalle	35	Sept 26, 1896	Competency.
Greenhalgh, James	Hillsboro	Montgomery	38	May 16, 1896	Competency.
Greenhalgh, Wm	..do	..do	36	May 16, 1896	Competency.
Greener, George	Greenview	Menard	26	Sept. 23, 1901	Competency.
Greenman, Martin	Pontiac	Livingston	39	Mar. 11, 1901	Competency.
Greenwood, Burhe	Sunfield	Perry	24	Sept. 21, 1908	Competency.
Grieve, E. H	Willisville	..do	28	Mar. 25, 1907	Competency.
Grice, Albert	Kewanee	Henry	35	Apr. 13, 1897	Competency.
Grice, John T	..do	..do	35	Oct. 21, 1895	Competency.
Grierson, John	Streator	LaSalle	61	Sept. 23, 1901	Competency.
Grierson, John	..do	..do	57	Feb. 20, 1896	Service.
Grieve, E. H	Willisville	Perry	28	Mar. 25, 1907	Competency.
Grieves, David	Birkner	St. Clair	22	Feb. 12, 1900	Competency.
Grieves, James	..do	..do	30	Nov. 18, 1895	Competency.
Griffen, John O	Kewanee	Henry	44	Oct. 21, 1895	Competency
Griffith, Herbert	Reeves	Williamson	26	July 27, 1908	Competency.

Hoisting Engineers—Continued.

Name.	Post office.	County.	Age.	Date of examination.	Kind of certificate.
Griffith, Lee	Reeves	Williamson	30	Apr. 11, 1910	Competency.
Griffith, O. B	Kewanee	Henry	37	Apr. 12, 1909	Competency.
Grimes, Elmer	Oakwood	Vermilion	22	July 22, 1912	Competency.
Grimes, James L	Tilden	Randolph	30	Jan. 14, 1907	Competency.
Grimmett, Chas. C	Girard	Macoupin	38	June 24, 1901	Competency.
Grimshaw, Joseph	LaSalle	LaSalle	25	Feb. 20, 1896	Service.
Grindall, George	Cuba	Fulton	30	May 15, 1916	Second class'
Grobling, John	Benld	Macoupin	33	Oct. 24, 1910	Competency.
Groom, Alexander	Belleville	St. Clair	21	Sept. 26, 1899	Competency.
Groom, James	..do	..do	51	Nov. 18, 1895	Competency.
Groom, John	..do	..do	25	Nov. 18, 1895	Service.
Groom, John, Sr	..do	..do	47	Nov. 18, 1895	Competency.
Groom, John	..do	..do	27	Sept. 13, 1898	Competency.
Groom, William	..do	..do	30	Nov. 18, 1895	Competency.
Groover, Harmon M	Canton	Fulton	42	Sept. 23, 1901	Competency.
Grubb, Michael	Riverton	Sangamon	41	May 16, 1896	Competency.
Guppy, Edgar	Bartonville	Peoria	32	Nov. 13, 1905	Competency.
Gurick, Howard	Litchfield	Montgomery	25	Mar. 11, 1901	Competency.
Gurick, Lloyd E	..do	..do	24	Oct. 19, 1903	Competency.
Gurick, Oscar	..do	..do	22	Apr. 10, 1911	Competency.
Guthrie, Thos. E. B	Marissa	St. Clair	26	June 13, 1904	Competency.
Guy, David F	Springfield	Sangamon	40	May 16, 1896	Service.
Guy, D. F	..do	..do	44	Mar. 1, 1898	Competency.
Haas, Jacob	Millstadt	St. Clair	40	Nov. 18, 1895	Service.
Hackett, Owen	Spaulding	Sangamon	45	July 25, 1899	Competency.
Haddican, Ed	Divernon	..do	30	Dec. 19, 1910	Competency.
Haddick, Frederick H	Cable	Mercer	24	Nov. 21, 1902	Competency.
Haddick, Wm. L	Sherrard	..do	31	Apr. 13, 1897	Competency.
Hadfield, Walter	Carterville	Williamson	32	Dec. 19, 1910	Competency.
Haensel, David	Lenzburg	St. Clair	39	Nov. 18, 1895	Competency.
Haensel, Ed	..do	..do	20	May 16, 1896	Competency.
Haensel, Herman	..do	..do	23	Apr. 16, 1906	Competency.
Hagler, Chas	Fredonia	Williamson	26	Feb. 20, 1896	Competency.
Hagler, Chas	..do	..do	26	Nov. 18, 1895	Service.
Hagler, Geo. L	Murphysboro	Jackson	39	Nov. 23, 1896	Competency.
Hagman, Dave	Matherville	Mercer	22	Mar. 7, 1916	Second class.
Hale, James	Dunfermline	Fulton	36	Feb. 12, 1900	Competency.
Hale, Wm. H	Troy	Madison	29	Nov. 18, 1895	Competency.
Hales, James E	Equality	Gallatin	30	June 24, 1907	Competency.
Haley, Edward	Kinmundy	Marion	31	May 21, 1900	Competency.
Hall, G. R	Nilwood	Macoupin	38	June 6, 1899	Competency.
Hall, G. R	Colchester	McDonough	35	Oct. 21, 1895	Competency.
Hamilton, Andrew	Springvalley	Bureau	27	Jan. 17, 1910	Competency.
Hamilton, Chas. E	Canton	Fulton	33	June 6, 1899	Competency.
Hamilton, James H	Sparland	Marshall	41	Feb. 20, 1896	Competency.
Hamilton, Thos	Murphysboro	Jackson	28	Oct. 15, 1906	Competency.
Hampleman, A	Sesser	Franklin	33	Apr. 10, 1911	Competency.
Hampton, H. A	West Frankfort	..do	24	Oct. 21, 1910	Competency.
Hampton, N. R	Murphysboro	Jackson	40	Nov. 18, 1895	Competency.
Hand, P. L	Peoria	Peoria	28	Oct. 21, 1895	Competency.
Handle, Ledlie	Taylorville	Christian	24	Oct. 21, 1895	Competency.
Hanenstine, J. W	Willisville	Perry	29	Nov. 23, 1896	Competency.
Hanes, W. J	Salem	Marion	46	Sept. 13, 1898	Competency.
Haney, Edgar	Alsey	Scott	38	Jan. 14, 1907	Competency.
Hankins, John W	Sorento	Bond	24	June 7, 1898	Competency.
Hansom, Wm	O'Fallon	St. Clair	36	Nov. 18, 1895	Service.
Hanvay, Robt	Collinsville	Madison	29	Nov. 18, 1895	Competency.
Hanvey, John	..do	..do	58	Apr. 9, 1900	Competency.
Hanvey, John J	..do	..do	22	Nov. 18, 1895	Competency.
Hanvey, Wm	..do	..do	31	Nov. 18, 1895	Competency.
Harbison, Joseph C	Eldorado	Saline	28	Nov. 1, 1909	Competency.
Harding, Enos	Birkner	St. Clair	37	Mar. 1, 1898	Competency.
Harding, Walter	Hanna City	Peoria	28	Nov. 30, 1908	Competency.
Hardy, Thomas W	Dawson	Sangamon	41	May 16, 1896	Competency.
Hardy, Thomas	Springfield	..do	42	Dec. 10, 1900	Competency.
Hardy, Warren	Pawnee	..do	21	June 13, 1904	Competency.
Harmon, Michael W	Oglesby	LaSalle	43	Apr. 27, 1903	Competency.
Harms, Heike	Petersburg	Menard	47	May 16, 1896	Service.
Harms, Heike	..do	..do	51	Oct. 15, 1900	Competency.
Harms, Will J	..do	..do	23	Nov. 14, 1904	Competency.
Harner, Elmer	Decatur	Macon	40	Aug. 6, 1900	Competency.
Harper, Henry	Harrisburg	Saline	35	Dec. 19, 1910	Competency.
Harper, Oscar	Lebanon	St. Clair	28	Mar. 1, 1898	Competency.
Harriss, Joseph	Duquoin	Perry	28	Sept. 8, 1913	Competency.
Harris, J. W	Springfield	Sangamon	41	Mar. 1, 1898	Competency.

Hoisting Engineers—Continued.

Name.	Post office.	County.	Age.	Date of examination.	Kind of certificate.
Harris, Otho	Duquoin	Perry	23	Apr. 14, 1913	Competency.
Harris, Thomas	Tamaroa	..do	43	Apr. 11, 1910	Competency.
Harris, T. T	..do	..do	28	Nov. 18, 1895	Service.
Harris, W. G	..do	..do	30	Jan. 17, 1910	Competency.
Harris, William C	Nilwood	Macoupin	44	Apr. 27, 1903	Competency.
Harrison, Floyd	Salem	Marion	21	July 16, 1906	Competency.
Harrison, John, Jr	Coulterville	Randolph	20	Mar. 13, 1905	Competency.
Harrop, Horace W	Farmington	Fulton	32	Jan. 16, 1905	Competency.
Hart, Clarence M	DeSoto	Jackson	26	Apr. 20, 1914	Competency.
Hartley, Horace	S. Wilmington	Grundy	23	Sept. 21, 1908	Competency.
Hartley, Joseph H	Coal City	..do	24	July 31, 1905	Competency.
Hartman, Frank	Murphysboro	Jackson	47	Feb. 20, 1896	Competency.
Hartman, John F	..do	..do	26	Oct. 15, 1900	Competency.
Hartman, William	Coulterville	Randolph	30	Oct. 19, 1903	Competency.
Harton, William T	Hornsby	Macoupin	31	Sept. 23, 1901	Competency.
Hartwell, A. Lincoln	Marion	Williamson	32	Sept. 22, 1902	Competency.
Hartwell, Jack	..do	..do	46	Apr. 27, 1903	Competency.
Hartwell, Roy	..do	..do	21	Nov. 24, 1902	Competency.
Harvey, Marion F	Duquoin	Perry	34	Apr. 27, 1903	Competency.
Harvey, Robert	Murphysboro	Jackson	21	May 15, 1916	Second class.
Harvey, Warren	Rend	Franklin	26	Mar. 7, 1916	First class.
Harvey, William R	Wanlock	Mercer	22	Sept. 26, 1899	Competency.
Hastings, John T	Dunfermline	Fulton	31	Apr. 5, 1915	Competency.
Hatfield, Jesse	Sesser	Franklin	27	Nov. 11, 1912	Competency.
Haughanant, John D	Springvalley	Bureau	29	June 13, 1904	Competency.
Havel, Joseph	French Village	St. Clair	26	Dec. 5, 1899	Competency.
Hawker, J. O	Pana	Christian	39	May 16, 1896	Competency.
Hayes, Arthur H	Danville	Vermilion	22	Dec. 6, 1898	Competency.
Hayes, Earl	..do	..do	21	July 16, 1906	Competency.
Hayes, James	Bloomington	McLean	31	Oct. 21, 1895	Competency.
Hayes, John	Riverton	Sangamon	60	May 16, 1896	Service.
Hayworth, William	Sandoval	Marion	46	Nov. 25, 1901	Competency.
Head, J. S	Assumption	Christian	36	Nov. 18, 1895	Competency.
Heaver, F	Sandoval	Marion	57	Nov. 18, 1895	Service.
Heckman, Sol	Coffeen	Montgomery	34	Jan. 8, 1906	Competency.
Hedges, C. N	Catlin	Vermilion	21	Apr. 27, 1908	Competency.
Heffron, William	Riverton	Sangamon	34	June 13, 1904	Competency.
Heidinger, Fred C	Mt. Olive	Macoupin	21	Jan. 12, 1903	Competency.
Heilgeist, Bruno	Springvalley	Bureau	26	Nov. 13, 1905	Competency.
Heilgeist, Paul	..do	..do	24	Nov. 1, 1909	Competency.
Heilgeist, William	..do	..do	26	Apr. 5, 1915	Competency.
Henderson, Frank	Clifford	Williamson	27	Nov. 1, 1909	Competency.
Hendrick, C. W	O'Fallon	St. Clair	30	Sept. 13, 1897	Competency.
Hendrix, R. H	Harrisburg	Saline	36	Jan. 14, 1907	Competency.
Hennegan, John F	Wanlock	Mercer	45	May 16, 1896	Competency.
Henneke, Phil	Lovington	Moultrie	30	Feb. 9, 1914	Competency.
Henry, Elmer	Kewanee	Henry	25	Sept. 8, 1913	Competency.
Henry, John J	Greenview	Menard	35	Jan. 13, 1904	Competency.
Henry, Philip	Kewanee	Henry	37	May 16, 1896	Competency.
Herder, Walter	Edwardsville	Madison	26	Sept. 13, 1898	Competency.
Herman, John	Belleville	St. Clair	31	Oct. 15, 1900	Competency.
Herring, Geo. P	Odin	Marion	33	Nov. 18, 1895	Competency.
Herring, J. F	Staunton	Macoupin	43	Apr. 13, 1897	Competency.
Herron, J. S	Auburn	Sangamon	28	Jan. 14, 1907	Competency.
Herron, Thomas J	Middlegrove	Fulton	34	Feb. 17, 1908	Competency.
Hershaw, C. F	Abingdon	Knox	25	July 13, 1897	Competency.
Heskett, John	Ridgely	Sangamon	37	Dec. 5, 1899	Competency.
Hess, Edward B	Morrisonville	Christian	30	Apr. 13, 1897	Competency.
Heublein, Walter H	Greenview	Menard	43	July 31, 1905	Competency.
Hewitt, Nelson J	Nimonk	Woodford	26	Mar. 7, 1916	First class.
Hexter, John A	Freeburg	St. Clair	45	Apr. 11, 1910	Competency.
Hickox, Lee	Springfield	Sangamon	42	May 16, 1896	Service.
Higbee, Lawrence	Wyoming	Stark	23	Dec. 10, 1900	Competency.
Hill, C. C	Marissa	St. Clair	41	Nov. 18, 1895	Competency.
Hill, C. W	Pontiac	Livingston	32	May 16, 1896	Competency.
Hill, Cyrus P	Norris City	White	22	Dec. 2, 1907	Competency.
Hill, Emberson	Westville	Vermilion	41	Oct. 19, 1903	Competency.
Hill, Emberson	..do	..do	36	Mar. 1, 1898	Competency.
Hill, Frank	Carriers Mills	Saline	29	Jan. 14, 1907	Competency.
Hill, H. B	Norris City	White	41	Feb. 15, 1909	Competency.
Hill, John C	Marissa	St. Clair	27	Dec. 2, 1907	Competency.
Hill, Roy	Lenzburg	..do	23	Dec. 19, 1910	Competency.
Hillard, John	St. David	Fulton	48	Oct. 21, 1895	Competency.
Hiller, Harry R	Clifford	Williamson	24	Nov. 11, 1912	Competency.
Hillery, John	Dunfermline	Fulton	25	May 21, 1900	Competency.
Hilliard, Frank	St. David	..do	22	Mar. 13, 1905	Competency.

Hoisting Engineers—Continued.

Name.	Post office.	County.	Age.	Date of examination.	Kind of certificate.
Hilliard, George	St. David	Fulton	26	Aug. 15, 1904	Competency.
Hilmes, Henry	Aviston	Clinton	29	June 7, 1898	Competency.
Hindman, Milo	Herrin	Williamson	41	Feb. 12, 1900	Competency.
Hines, Patrick	Toluca	Marshall	23	July 20, 1903	Competency.
Hinsman, Jacob	Springfield	Sangamon	29	Nov. 14, 1904	Competency.
Hinton, William O	Georgetown	Vermilion	30	Feb. 9, 1914	Competency.
Hintz, Geo	Geneseo	Henry	29	Oct. 11, 1915	Second class.
Hippard, Geo	Belleville	St. Clair	35	June 6, 1899	Competency.
Hitchcock, L. W	Farmington	Fulton	38	Feb. 15, 1909	Competency.
Hobbs, Francis E	Centralia	Marion	31	Sept. 13, 1897	Competency.
Hocker, Charles	Glen Carbon	Madison	39	Nov. 18, 1895	Competency.
Hodgson, Ed	Murphysboro	Jackson	46	Aug. 26, 1896	Competency.
Hodgson, John	Taylorville	Christian	33	Nov. 13, 1905	Competency.
Hodson, Moses	Smithboro	Bond	40	Feb. 28, 1899	Competency.
Hoffman, Fred	Hillsboro	Montgomery	29	Nov. 1, 1909	Competency.
Hogan, Frank	Springfield	Sangamon	36	Dec. 5, 1899	Competency.
Holbrooks, L. L	Herrin	Williamson	48	July 27, 1908	Competency.
Holland, Arthur J	Mt. Olive	Macoupin	33	Jan. 20, 1902	Competency.
Holland, Miner	Carterville	Williamson	20	Nov. 24, 1902	Competency.
Holland, S. B	West Frankfort	Franklin	28	Nov. 30, 1908	Competency.
Holland, W. R	Johnston City	Williamson	25	June 24, 1907	Competency.
Holler, Grover	Harrisburg	Saline	21	Jan. 14, 1907	Competency.
Holoffe, Emile	Coal City	Grundy	21	Jan. 14, 1907	Competency.
Holtkamp, George	Breese	Clinton	36	July 25, 1899	Competency.
Holzer, A. Eugene	Mt. Olive	Macoupin	32	July 31, 1905	Competency.
Hootin, Grover	Assumption	Christian	23	July 27, 1908	Competency.
Hopkins, Walter	Springfield	Sangamon	25	Apr. 11, 1910	Competency.
Hopper, Frank	Edwardsville	Madison	29	Nov. 18, 1895	Competency.
Hopper, George	Glen Carbon	..do	55	Nov. 18, 1895	Competency.
Hopper, George	..do	..do	62	Oct. 19, 1903	Competency.
Hopper, H. H	Gillespie	Macoupin	25	May 16, 1896	Competency.
Hopper, Shelby	Catlin	Vermilion	32	Nov. 25, 1901	Competency.
Hord, Alvin	Taylorville	Christian	23	Nov. 18, 1895	Competency.
Horrell, L. R	Harrisburg	Saline	36	Nov. 14, 1904	Competency.
Horton, Milo	..do	..do	24	Apr. 16, 1912	Competency.
Hoswell, Roy	Toluca	Marshall	23	Jan. 16, 1905	Competency.
Hottinger, J	Fairbury	Livingston	26	Nov. 23, 1896	Competency.
Housam, William	O'Fallon	St. Clair	40	Sept. 26, 1899	Competency.
House, C. O	St. John	Perry	23	July 25, 1899	Competency.
Howard, DeLee	Danville	Vermilion	21	June 16, 1913	Competency.
Howard, Luther	Springfield	Sangamon	34	Jan. 17, 1910	Competency.
Howard, S. J	Hanna City	Peoria	32	Nov. 14, 1904	Competency.
Howe, Charles	Streator	LaSalle	25	July 25, 1899	Competency.
Howell, Geo	Blairsville	Williamson	35	Nov. 13, 1905	Competency.
Howie, R. J	Viola	Mercer	31	Mar. 13, 1905	Competency.
Hubbard, Geo. N	Springfield	Sangamon	22	Oct. 19, 1903	Competency.
Hubbard, L. W	..do	..do	25	Nov. 14, 1904	Competency.
Huff, Lewis	Canton	Fulton	38	Dec. 14, 1903	Competency.
Huggans, J. A	Streator	LaSalle	40	June 7, 1898	Competency.
Huggans, Ralph D	..do	..do	24	Jan. 12, 1903	Competency.
Huggins, Wm	Murphysboro	Jackson	34	Aug. 26, 1896	Competency.
Hughes, B. B	Greenview	Menard	37	Nov. 14, 1904	Competency.
Hughes, F. E	Johnston City	Williamson	23	Oct. 15, 1906	Competency.
Hughes, George	Mt. Vernon	Jefferson	26	July 12, 1909	Competency.
Hughes, John C	Springfield	Sangamon	35	May 16, 1896	Competency.
Hughes, Will'am A	..do	..do	37	Feb. 12, 1900	Competency.
Huling, Oral	Witt	Montgomery	25	Feb. 17, 1908	Competency.
Hull, Lee	Murphysboro	Jackson	27	Nov. 23, 1896	Competency.
Hummel, Emanuel	Cable	Mercer	30	Dec. 19, 1910	Competency.
Hummel, John	Lincoln	Logan	26	Nov. 14, 1904	Competency.
Hummel, Mike, Jr	..do	..do	26	Dec. 19, 1910	Competency.
Humphrey, Charles	Edinburg	Christian	30	Dec. 5, 1899	Competency.
Humphrey, W. F	..do	..do	29	Mar. 11, 1901	Competency.
Huston, Robert	Sparta	Randolph	62	June 13, 1904	Competency.
Hutchcroft, Noah	Harrisburg	Saline	33	Jan. 14, 1907	Competency.
Hutton, Thomas, Jr	Tallula	Menard	23	Nov. 11, 1912	Competency.
Imhoff, Andrew C	Murphysboro	Jackson	33	Apr. 16, 1906	Competency.
Ing, George M	Marion	Williamson	44	Nov. 25, 1902	Competency.
Ingels, Aurie	Glen Carbon	Madison	27	June 13, 1904	Competency.
Ingels, Orie W	..do	..do	23	Feb. 12, 1900	Competency.
Ingels, Geo	..do	..do	25	Mar. 13, 1903	Competency.
Irons, Joseph	Springfield	Sangamon	38	Apr. 20, 1914	Competency.
Irvin, John	Gillespie	Macoupin	53	Nov. 18, 1895	Competency.
Irwin, Byron	Pana	Christian	39	May 16, 1896	Competency.
Irwin, Robert K	Pontiac	Livingston	22	Dec. 5, 1899	Competency.

Hoisting Engineers—Continued.

Name.	Post office.	County.	Age.	Date of examination.	Kind of certificate.
Irwine, Alvin	Gillespie	Macoupin	21	Aug. 15, 1904	Competency.
Isadore, Chas	Sparta	Randolph	55	Nov. 18, 1895	Service.
Isadore, Charles	..do	..do	59	Feb. 12, 1909	Competency.
Isadore, George	Rosebury	St. Clair	32	May 16, 1896	Competency.
Isadore, George	Sparta	Randolph	32	Nov. 18, 1895	Service.
Ishmael, Benj	Athens	Menard	26	June 24, 1907	Competency.
Isler, Henry M	Belleville	St. Clair	24	Jan. 8, 1906	Competency.
Isom, William	Duquoin	Perry	32	Jan. 12, 1903	Competency.
Jackson, E. W	Christopher	Franklin	32	June 24, 1907	Competency.
Jackson, Horace	Odin	Marion	34	Apr. 20, 1914	Competency.
Jackson, O. M	Mt. Vernon	Jefferson	34	Nov. 11, 1912	Competency.
Jackson, Wm	Minonk	Woodford	60	Oct. 21, 1895	Service.
Jackson, William	..do	..do	64	Dec. 5, 1899	Competency.
Jacobs, Geo. R	Elmwood	Peoria	22	Sept. 13, 1897	Competency.
Jacobs, James M	Moweaqua	Shelby	47	May 16, 1896	Competency.
Jacobs, James M	Streator	LaSalle	33	Jan. 16, 1905	Competency.
Jacobs, John P	Orchard Mines	Peoria	23	Oct. 21, 1895	Service.
Jacobs, John P	Bartonville	..do	30	Apr. 27, 1903	Competency.
Jacobs, Wm	Murphysboro	Jackson	40	Nov. 18, 1895	Service.
Jacobs, Wm	..do	..do	41	Aug. 26, 1896	Competency.
Jacobs, Wm., Sr	Peoria	Peoria	48	Oct. 21, 1895	Competency.
James, Fred	Staunton	Macoupin	46	Apr. 14, 1913	Competency.
Jamison, John	Petersburg	Menard	56	Apr. 14, 1902	Competency.
Jaskolski, Ignatz	Peru	LaSalle	24	June 15, 1915	Competency.
Jayne, Richard, Jr	Cuba	Fulton	26	July 16, 1906	Competency.
Jeffrey, Albert	Herrin	Williamson	33	Sept. 8, 1913	Competency.
Jeffrey, James	Marissa	St. Clair	26	Nov. 18, 1895	Competency.
Jeffrey, John	Belleville	..do	21	July 25, 1899	Competency.
Jenkins, John L	Streator	LaSalle	34	May 16, 1896	Competency.
Jenkins, Louis	Peoria	Peoria	21	July 12, 1909	Competency.
Jenkins, T. E	Danville	Vermilion	24	Aug. 26, 1896	Competency.
Jenkins, Wm. T	Cuba	Fulton	37	Nov. 24, 1902	Competency.
Jenks, Thomas	Virden	Macoupin	20	Nov. 13, 1905	Competency.
Jenks, Wm	Athens	Menard	34	May 16, 1896	Competency.
Jent, Loy	Marion	Williamson	25	Feb. 15, 1909	Competency.
Jennings, Hiram L	Norris City	White	26	Oct. 11, 1916	First class.
Jewett, Fred	Pana	Christian	36	Nov. 11, 1912	Competency.
Jimoson, John	Petersburg	Menard	48	May 16, 1896	Service.
Johnson, Edward M	West Frankfort	Franklin	27	Jan. 17, 1910	Competency.
Johnson, Eh W	Herrin	Williamson	19	Dec. 19, 1910	Competency.
Johnson, Elijah W	Marissa	St. Clair	28	July 31, 1905	Competency.
Johnson, Elija W	..do	..do	18	Nov. 18, 1895	Service.
Johnson, George N	Belleville	..do	22	Feb. 15, 1909	Competency.
Johnson, Harmon	Middletown	Logan	23	June 13, 1904	Competency.
Johnson, James J	Taylorville	Christian	37	Jan. 20, 1902	Competency.
Johnson, Jerry	Middletown	Logan	21	July 16, 1906	Competency.
Johnson, Joe. H	Christopher	Franklin	31	Mar. 25, 1907	Competency.
Johnson, John W	Bloomington	McLean	41	Feb. 20, 1896	Competency.
Johnson, Joseph K	Springvalley	Bureau	32	Feb. 20, 1896	Competency.
Johnson, J. S	Birkner	Randolph	26	Aug. 26, 1896	Competency.
Johnson, Luther	Christopher	Franklin	30	Apr. 20, 1914	Competency.
Johnson, Robert	Duquoin	Perry	45	May 16, 1896	Competency.
Johnson, Sidney	Springfield	Sangamon	27	July 20, 1903	Competency.
Johnson, William	Middletown	Logan	22	June 27, 1910	Competency.
Johnson, Wm. C	Marion	Williamson	25	Dec. 14, 1903	Competency.
Johnson, W. H	Pawnee	Sangamon	35	Aug. 26, 1896	Competency.
Johnson, Wm. L	Soperville	Knox	29	Dec. 5, 1899	Competency.
Johnston, Thomas	Pontiac	Livingston	42	May 16, 1896	Competency.
Johnston, Thomas B	..do	..do	21	July 25, 1899	Competency.
Jones, Benjamin	Peoria	Peoria	52	Dec. 19, 1910	Competency.
Jones, David H	Murphysboro	Jackson	46	Nov. 13, 1905	Competency.
Jones, George	Freeburg	St. Clair	29	Nov. 18, 1895	Competency.
Jones, George W	Riverton	Sangamon	53	Aug. 26, 1896	Service.
Jones, Henry E	Belleville	St. Clair	48	Nov. 18, 1895	Competency.
Jones, Israel	Freeburg	..do	23	Sept. 8, 1913	Competency.
Jones, James W	Pana	Christian	32	Sept. 23, 1901	Competency.
Jones, John	Marissa	St. Clair	22	Nov. 25, 1901	Competency.
Jones, John	Grape Creek	Vermilion	24	June 24, 1901	Competency.
Jones, John E	Benton	Franklin	32	Jan. 10, 1916	First class.
Jones, John P	Staunton	Macoupin	41	Nov. 18, 1895	Competency.
Jones, Jonathan, Jr	Marissa	St. Clair	25	Nov. 18, 1895	Competency.
Jones, Jonathan, Sr	..do	..do	53	Nov. 18, 1895	Competency.
Jones, Joseph	Staunton	Macoupin	22	July 25, 1899	Competency.
Jones, J. F	Canton	Fulton	55	Feb. 15, 1909	Competency.
Jones, Logan	Marissa	St. Clair	26	Nov. 18, 1895	Competency.

Hoisting Engineers—Continued.

Name.	Post office.	County.	Age.	Date of examination.	Kind of certificate.
Jones, Mosiah	Taylorville	Christian	26	July 12, 1909	Competency.
Jones, Phelix E	Barclay	Sangamon	55	Dec. 5, 1899	Competency.
Jones, R. T	Kewanee	Henry	40	Nov. 14, 1904	Competency.
Jones, Thos	Muncie	Vermilion	29	Aug. 6, 1900	Competency.
Jones, T. A	do	do	24	Nov. 18, 1895	Service.
Jones, Verning L	Barclay	Sangamon	26	Aug. 6, 1900	Competency.
Jones, William	Braceville	Grundy	21	July 13, 1897	Competency.
Jones, William	Marissa	St. Clair	30	Nov. 18, 1895	Competency
Joss, John	Farmington	Fulton	36	June 24, 1907	Competency.
Jordan, Robert	Streator	LaSalle	40	Mar. 1, 1898	Competency.
Jordan, John E	Sesser	Franklin	22	Oct. 15, 1906	Competency.
Joseph, George C	Collinsville	Madison	25	Jan. 10, 1916	First class.
Joseph, Maynard	Troy	do	23	Apr. 16, 1906	Competency.
Joskoski, Peter	LaSalle	LaSalle	44	July 12, 1909	Competency.
Josseck, Fred	Springfield	Sangamon	46	July 12, 1909	Competency.
Judd, Chas. E	Edwardsville	Madison	31	Sept. 13, 1898	Competency.
Judd, Thomas	Cuba	Fulton	49	Oct. 21, 1895	Service.
Kalebaugh, Clinton H	Astoria	Fulton	36	Nov. 24, 1902	Competency.
Kalows, Frank	Glen Carbon	Madison	26	Mar. 13, 1905	Competency.
Karnes, Geo. R	Galatia	Saline	23	June 13, 1904	Competency.
Karnes, Marsh	Plumfield	Franklin	30	Feb. 15, 1909	Competency.
Karney, Emery O	Hallidayboro	Jackson	26	Dec. 10, 1900	Competency.
Karney, E	do	do	21	Nov. 18, 1895	Service.
Karpinski, Mike	Springvalley	Bureau	44	July 22, 1912	Competency.
Kasselmann, Frank H	Worden	Madison	37	Feb. 22, 1904	Competency.
Kearney, John	Peoria	Peoria	31	Sept. 22, 1902	Competency.
Keating, Edward F	Streator	LaSalle	28	Feb. 20, 1896	Competency.
Keating, Richard	do	do	30	Feb. 20, 1896	Competency.
Keay, Leonard	Seatonville	Bureau	29	July 10, 1911	Competency.
Keil, E. T	Mt. Vernon	Jefferson	26	July 12, 1909	Competency.
Keller, William	Eldorado	Saline	32	Jan. 8, 1906	Competency.
Kellermann, Chas. E	Duquoin	Perry	24	Apr. 27, 1908	Competency.
Kelley, George	Worden	Madison	32	June 13, 1904	Competency.
Kelley, James D	Carbon Hill	Grundy	18	May 16, 1896	Competency.
Kelley, Martin	Toluca	Marshall	41	Feb. 20, 1896	Service.
Kelly, Charles	Streator	LaSalle	29	Sept. 26, 1899	Competency.
Kelly, Edward	Springfield	Sangamon	43	Feb. 8, 1915	Competency.
Kelly, Elmer	Farmington	Fulton	34	June 15, 1915	Competency.
Kelly, Martin	Toluca	Marshall	47	Aug. 6, 1900	Competency.
Kelly, Nicholas	Petersburg	Menard	35	July 20, 1903	Competency.
Kelly, Richard V	Cantrall	Sangamon	30	Mar. 11, 1901	Competency.
Kelly, Robert D	Carbon Hill	Grundy	24	Feb. 20, 1896	Competency.
Kemper, Christian	Belleville	St. Clair	32	Nov. 18, 1895	Service.
Kemper, Christian	do	do	37	Sept. 23, 1901	Competency.
Kenaday, Perry	Cambridge	Henry	22	Nov. 14, 1904	Competency.
Kenaday, Fred A	do	do	27	June 6, 1899	Competency.
Kennedy, John A	Coulterville	Randolph	30	Apr. 10, 1911	Competency.
Kennedy, Wm. J	Edwardsville	Madison	48	Nov. 18, 1895	Service.
Kennedy, Wm. J	do	do	52	June 6, 1899	Competency.
Kent, A. K	Golconda	Pope	44	Jan. 14, 1907	Competency.
Kent, Charles L	Centralia	Marion	31	Jan. 6, 1913	Competency.
Kent, Geo. L	do	do	30	Apr. 27, 1908	Competency.
Kentfield, Roy	Gillespie	Macoupin	24	Apr. 12, 1908	Competency.
Keown, Frank	Herrin	Williamson	29	June 24, 1907	Competency.
Kerchner, Howard	Belleville	St. Clair	20	Feb. 28, 1899	Competency.
Kerchner, John	do	do	27	Oct. 15, 1900	Competency.
Kerns, Samuel J	Springfield	Sangamon	38	Sept. 23, 1901	Competency.
Kessick, Charles W	Decatur	Macon	29	Dec. 5, 1899	Competency.
Kessler, Joseph	Centralia	Marion	36	Nov. 20, 1911	Competency.
Kester, Chas. E	Raymond	Christian	30	Feb. 22, 1904	Competency.
Kidd, Alonzo	Fairmount	Vermilion	26	Nov. 18, 1895	Competency.
Kidd, Chester W	do	do	30	July 12, 1909	Competency.
Kiel, Henry W	Murphysboro	Jackson	27	Aug. 12, 1907	Competency.
Kilbride, Thos. C	Farmington	Fulton	31	Oct. 21, 1895	Competency.
Killinger, C	Collinsville	Madison	58	Nov. 18, 1895	Competency.
Killinger, Harry	Germantown	Clinton	26	June 6, 1899	Competency.
Killinger, John	Collinsville	Madison	28	Nov. 18, 1895	Competency.
Kimball, Joel L	Hillsboro	Montgomery	29	Feb. 12, 1900	Competency.
Kimber, John	Ladd	Bureau	41	May 16, 1896	Competency.
Kincannon, John	St. John	Perry	23	Nov. 14, 1904	Competency.
Kinder, Nelson	Troy	Madison	23	Oct. 15, 1906	Competency.
King, Alex, Jr	Carterville	Williamson	22	Nov. 18, 1895	Service.
King, Alex, Jr	do	do	23	Nov. 23, 1896	Competency.
King, Alex, Sr	do	do	45	Nov. 18, 1895	Competency.
King, Chas	Collinsville	Madison	54	Feb. 22, 1904	Competency.

Hoisting Engineers—Continued.

Name.	Post office.	County.	Age.	Date of examination.	Kind of certificate.
King, Frank	Mulkeytown	Franklin	29	Nov. 11, 1912	Competency.
King, John	Carterville	Williamson	28	Nov. 24, 1902	Competency.
King, L. B	Smithboro	Bond	28	May 16, 1896	Competency.
King, Robert	Herrin	Williamson	24	Dec. 14, 1914	Competency.
King, Roy	Duquoin	Perry	34	Dec. 14, 1914	Competency.
Kinghorn, John	Staunton	Macoupin	31	Nov. 18, 1895	Competency.
Kinney, Wilber	West Frankfort	Franklin	28	Sept. 8, 1913	Competency.
Kirby, Thos., Jr	Peru	LaSalle	39	May 21, 1900	Competency.
Kirby, Thos., Jr	do	do	35	Feb. 20, 1896	Service.
Kishner, Frank	Belleville	St. Clair	54	Nov. 18, 1895	Competency.
Klang, John	Galva	Henry	45	May 16, 1896	Service.
Klaus, Louis	Belleville	St. Clair	50	July 13, 1897	Competency.
Klaus, Louis	do	do	48	Nov. 18, 1895	Service.
Klein, Geo	Gillespie	Macoupin	30	July 31, 1905	Competency.
Klingenberg, Oliver	Swanwick	Perry	23	Mar. 7, 1916	First class.
Klingenfus, Edward	Belleville	St. Clair	23	June 6, 1899	Competency.
Klinginfus, Wm	do	do	27	Aug. 26, 1896	Competency.
Klinker, Frank	Colfax	McLean	35	Dec. 5, 1899	Competency.
Knapp, Enock	Assumption	Christian	23	Sept. 26, 1899	Competency.
Knapp, Thos	Duquoin	Perry	21	Nov. 30, 1908	Competency.
Knoblanch, August	Oglesby	LaSalle	39	June 14, 1914	Competency.
Koenig, Andrew	LaSalle	do	28	Jan. 17, 1910	Competency.
Koenig, Geo	do	do	25	June 13, 1904	Competency.
Komiski, Andrew	Oglesby	do	22	Apr. 16, 1912	Competency.
Komiski, Joseph J	Minonk	Woodford	25	Apr. 16, 1912	Competency.
Koombs, James	Marion	Williamson	34	Oct. 19, 1903	Competency.
Kossieck, Geo	Decatur	Macon	37	Nov. 13, 1905	Competency.
Krapp, Conrad	Collinsville	Madison	23	Apr. 14, 1913	Competency.
Krout, W. S	Cuba	Fulton	28	Sept. 21, 1908	Competency.
Krully, Andrew	Braceville	Grundy	31	Feb. 12, 1900	Competency.
Kuhn, Fred A	Trenton	Clinton	27	Jan. 16, 1905	Competency.
Lamb, Wm. E	Coal City	Grundy	24	Nov. 13, 1905	Competency.
Lambert, G. W	LaSalle	LaSalle	32	Oct. 21, 1895	Competency.
Lambert, William	Middletown	Logan	36	Apr. 27, 1903	Competency.
Lancaster, Chas. A	Springfield	Sangamon	37	Apr. 11, 1910	Competency.
Landers, Adam	Staunton	Macoupin	24	June 15, 1915	Competency.
Landers, John	do	do	29	Oct. 15, 1906	Competency.
Lane, Chas. C	Farmington	Fulton	22	Mar. 13, 1905	Competency.
Langlitz, John	Mascoutah	St. Clair	46	July 22, 1912	Competency.
Lanham, John W	Danville	Vermilion	37	Sept. 23, 1901	Competency.
Larkin, Jas. G	Athens	Menard	24	Apr. 13, 1897	Competency.
Larkin, William	Taylorville	Christian	36	Nov. 13, 1905	Competency.
Larson, Chas. L	Galva	Henry	35	Oct. 21, 1895	Service.
Laswell, C. R	Barclay	Sangamon	38	Sept. 21, 1908	Competency.
Latham, W. H	Hallidayboro	Jackson	51	Oct. 21, 1895	Service.
Laughrun, James	Fairbury	Livingston	43	Oct. 21, 1895	Service.
Laughery, Jonathan P	Carbon Cliff	Rock Island	52	Mar. 11, 1901	Competency.
Lavallier, N. S	Chenoa	McLean	28	Apr. 13, 1897	Competency.
Lawson, Geo	Cable	Mercer	57	Nov. 23, 1896	Competency.
Lawson, Wm. E	Ellisville	Fulton	36	June 16, 1913	Competency.
Layman, J. C	Lincoln	Logan	28	Jan. 14, 1907	Competency.
Layne, J. W	DeSoto	Jackson	60	Nov. 18, 1895	Competency.
Leake, Wm	Minonk	Woodford	37	Jan. 8, 1906	Competency.
Ledbetter, George	Sorento	Bond	35	Dec. 5, 1899	Competency.
Lee, Fredrick	Canton	Fulton	27	Mar. 25, 1907	Competency.
Lee, Robt. E	Sherrard	Mercer	35	Apr. 16, 1906	Competency.
Leek, Carroll	Hallidayboro	Jackson	32	May 21, 1900	Competency.
Leeper, Chas. W	Equality	Gallatin	34	Oct. 19, 1903	Competency.
Lehman, Philip	Lebanon	St. Clair	31	May 16, 1896	Competency.
Leitze, Creed	Aisey	Scott	26	Nov. 11, 1912	Competency.
Lemons, J. L	Girard	Macoupin	31	Feb. 20, 1896	Competency.
Leslie, George	Gardner	Grundy	22	Sept. 26, 1899	Competency.
Leslie, N. B	Braidwood	Will	42	Feb. 20, 1896	Competency.
Lewis, Alvin	Catlin	Vermilion	34	Nov. 23, 1896	Competency.
Lewis, Clayton	Carriers Mills	Saline	34	July 31, 1905	Competency.
Lewis, Jacob H	Pottstown	Peoria	40	Oct. 21, 1895	Service.
Lewis, James	Canton	Fulton	52	Aug. 15, 1904	Competency.
Lewis, Richard W	Gillespie	Macoupin	21	Apr. 16, 1906	Competency.
Lewis, Speller D	Marion	Williamson	27	Oct. 15, 1906	Competency.
Lewstick, John	Springfield	Sangamon	28	Oct. 15, 1906	Competency.
Lindsay, James	Oglesby	LaSalle	25	Apr. 27, 1903	Competency.
Lindsay, Ralph	Ridge Prairie	St. Clair	30	Nov. 18, 1895	Competency.
Lindstrom, Oscar	Sherrard	Mercer	32	Oct. 21, 1895	Competency.
Liner, John	Oglesby	LaSalle	24	Jan. 16, 1905	Competency.
Link, Axel E	Matherville	Mercer	2	Jan. 10, 1916	Second class.

Hoisting Engineers—Continued.

Name.	Post office.	County.	Age.	Date of examination.	Kind of certificate.
Lindskey, Martin H	Streator	LaSalle	30	Oct. 21, 1895	Competency.
Linskey, James	Braidwood	Will	22	Sept. 26, 1899	Competency.
Linskey, Patrick J	do	do	30	Feb. 28, 1899	Competency.
Linskey, Timothy	do	do	23	June 24, 1907	Competency.
Lipp, James	Coal City	Grundy	28	Apr. 16, 1912	Competency.
Lipscomb, Arthur	Breese	Clinton	28	Jan. 8, 1906	Competency.
Little, George E	Edwardsville	Madison	25	July 20, 1903	Competency.
Little, Harrison	Breese	Clinton	26	Oct. 12, 1914	Competency.
Little, Harry	Herrin	Williamson	24	Apr. 16, 1905	Competency.
Little, Irwin E	Edwardsville	Madison	56	Dec. 2, 1907	Competency.
Little, Peter	Peoria	Peoria	48	May 21, 1900	Competency.
Little, Thomas	Murphysboro	Jackson	41	Nov. 18, 1895	Competency.
Lloyd, Benjamin	Rentchler	St. Clair	33	Nov. 18, 1895	Service.
Lloyd, Claude	Girard	Macoupin	22	Feb. 13, 1911	Competency.
Lloyd, Mathew	do	do	36	June 16, 1913	Competency.
Lockhart, Louis	Niantic	Macon	28	July 13, 1897	Competency.
Lockie, Geo. P	Carterville	Williamson	20	Apr. 27, 1903	Competency.
Lockie, Wm	do	do	37	Nov. 18, 1895	Competency.
Loding, Chas. A	Loding	Rock Island	25	July 25, 1899	Competency.
Loebel, Frank	Trenton	Clinton	35	Sept. 15, 1898	Competency.
Loeffler, Adolph E	O'Fallon	St. Clair	26	Sept. 22, 1902	Competency.
Loescher, Paul	Mt. Olive	Macoupin	27	Mar. 25, 1907	Competency.
Long, Edward	Norris	Fulton	22	Nov. 14, 1904	Competency.
Long, Ezra	Farmington	do	23	Nov. 20, 1911	Competency.
Long, Geo	Norris	do	22	Aug. 12, 1907	Competency.
Long, Noah	Pontiac	Livingston	55	Feb. 28, 1899	Competency.
Longerbon, L. F	Cantrall	Sangamon	46	Mar. 15, 1905	Competency.
Loos, A. C	Murphysboro	Jackson	24	Aug. 12, 1907	Competency.
Love, Wm	Virden	Macoupin	57	May 16, 1896	Service.
Lozin, Paul	Lincoln	Logan	25	Oct. 19, 1903	Competency.
Lucey, Michael	Ridgely	Sangamon	56	Oct. 15, 1900	Competency.
Lucht, M. F	Mt. Olive	Macoupin	46	Nov. 18, 1895	Competency.
Ludewick, Harry L	Witt	Montgomery	27	Aug. 12, 1907	Competency.
Ludewick, Lester M	do	do	27	Dec. 19, 1910	Competency.
Lundberg, Erie	Galva	Henry	34	Oct. 21, 1895	Service.
Lundeen, Frank V	do	do	24	Sept. 26, 1899	Competency.
Lundy, J. P	Mt. Pulaski	Logan	42	Feb. 28, 1899	Competency.
Luscher, John	Mt. Olive	Macoupin	22	Apr. 16, 1906	Competency.
Lusk, William	Taylorville	Christian	24	Jan. 6, 1913	Competency.
Lutton, Leslie G	Rutland	LaSalle	24	Apr. 14, 1902	Competency.
Lyday, Benjamin	Sesser	Franklin	35	July 16, 1906	Competency.
Lyday, Roy	Christopher	do	23	June 24, 1907	Competency.
Lynch, John B	Muncie	Vermilion	28	July 31, 1905	Competency.
Lynch, Millard	Herrin	Williamson	25	Apr. 27, 1903	Competency.
Lyons, Alexander	Riverton	Sangamon	43	Oct. 19, 1903	Competency.
McAdams, John W	Percy	Randolph	39	June 6, 1899	Competency.
McAllister, Herbert	Herrin	Williamson	26	June 16, 1913	Competency.
McAllister, Thomas	Hallidayboro	Jackson	52	Dec. 10, 1900	Competency.
McAlpin, W. H	Marion	Williamson	37	Apr. 12, 1909	Competency.
McBriarty, Wm	Duquoin	Perry	32	Aug. 12, 1907	Competency.
McCalester, Thomas	Muddy Valley	Jackson	45	Nov. 18, 1895	Service.
McCanley, Lewis	Streator	LaSalle	38	Nov. 20, 1911	Competency.
McCann, Daniel	Lincoln	Logan	30	Mar. 11, 1901	Competency.
McCann, John	Oglesby	LaSalle	33	Feb. 13, 1911	Competency.
McCarnes, John	Marissa	St. Clair	26	Oct. 24, 1910	Competency.
McCarthy, John	Lincoln	Logan	23	Feb. 22, 1904	Competency.
McCartney, Chas. F	Alexis	Warren	44	Aug. 6, 1900	Competency.
McCauley, Aaron	Streator	LaSalle	25	Oct. 21, 1895	Competency.
McCauley, John H	Glen Carbon	Madison	53	Dec. 2, 1907	Competency.
McClelland, A. J	Cuba	Fulton	33	Nov. 14, 1904	Competency.
McClure, Ralph J	Blue Mound	Macon	21	Jan. 15, 1912	Competency.
McConachie, Ed	Auburn	Sangamon	24	Nov. 23, 1896	Competency.
McConnell, C. B	Tice	Menard	29	Jan. 14, 1907	Competency.
McCormick, James J	Springfield	Sangamon	37	May 16, 1896	Competency.
McCulley, G. L	Pawnee	do	23	Feb. 20, 1896	Competency.
McCullough, Wm. N	Tower Hill	Shelby	32	Feb. 17, 1908	Competency.
McCunky, Tobias	Assumption	Christian	41	Sept. 13, 1897	Competency.
McCurdy, Jerry	Taylorville	do	31	July 20, 1903	Competency.
McDean, John	Pleasant Plains	Sangamon	50	July 20, 1903	Competency.
McDonald, Frank R	Athens	Menard	21	Nov. 24, 1902	Competency.
McDonald, Herbert	Williamsville	Sangamon	33	June 14, 1914	Competency.
McDonald, John	Springfield	do	38	Nov. 18, 1895	Competency.
McDonald, Peter G	Carbon Hill	Grundy	24	Nov. 25, 1901	Competency.
MacDonald, Vance	Staunton	Macoupin	22	July 10, 1911	Competency.
McDonald, Wm. H	Pana	Christian	43	May 16, 1896	Service.

Hoisting Engineers—Continued.

Name.	Post office.	County.	Age.	Date of examination.	Kind of certificate.
McDonald, Wm. H.	Pana	Christian	45	July 25, 1899	Competency.
McDonald, Wm. J.	Percy	Randolph	36	Nov. 18, 1895	Competency.
McFarland, F. E.	Murphysboro	Jackson	32	Nov. 18, 1895	Competency.
McGarry, Wm.[2]	Ladd	Bureau	24	Apr. 16, 1906	Competency.
McGee, G. W.	Carterville	Williamson	29	Nov. 13, 1905	Competency.
McGettigan, Thos.	Pana	Christian	32	Nov. 18, 1895	Competency.
McGlaughlin, Thos.	Canton	Fulton	29	June 15, 1915	Competency.
McGough, J. W.	Marissa	St. Clair	49	Jan. 10, 1916	Second class.
McGowan, Edward	Lincoln	Logan	27	Dec. 5, 1899	Competency.
McGowan, J. R.	Herrin	Williamson	38	Sept. 13, 1898	Competency.
McIntire, Guy O.	Pekin	Tazewell	43	Feb. 9, 1914	Competency
McIntyre, Alex S.	Sparta	Randolph	22	Aug. 6, 1900	Competency.
McIntyre, Martin S.	..do	..do	33	Oct. 15, 1906	Competency.
McKean, Andrew	Coal City	Grundy	35	Dec. 5, 1899	Competency.
McKean, Isaac	..do	..do	43	Oct. 21, 1895	Competency.
McKean, John	Carbon Hill	..do	23	Feb. 20, 1896	Competency.
McKearnan, J. B.	Athens	Menard	44	Oct. 21, 1895	Competency.
McKee, C. L.	Lake Creek	Williamson	23	Mar. 1, 1898	Competency.
McKeerman, John	Belleville	St. Clair	46	Aug. 26, 1896	Competency.
McKemie, Lawrence	Benton	Franklin	22	Feb. 9, 1914	Competency.
McKinley, Geo.	Elmwood	Peoria	49	Oct. 11, 1915	Second class.
McLain, James	Equality	Gallatin	24	June 27, 1910	Competency.
McLaughlin, F. T.	Carbon Hill	Grundy	39	Feb. 20, 1896	Competency.
McLaughlin, Geo.	..do	..do	18	May 16, 1896	Competency.
McLean, John	Pleasant Plains	Sangamon	42	Oct. 21, 1895	Service.
McMillin, W. M.	Danville	Vermilion	54	Nov. 21, 1901	Competency.
McMillin, W. M.	..do	..do	50	Feb. 20, 1896	Service.
McMurtry, John	Virden	Macoupin	26	July 20, 1903	Competency.
McNail, Albert	Mt. Vernon	Jefferson	31	Apr. 9, 1900	Competency.
McNeil, Sam	Coulterville	Randolph	38	July 20, 1903	Competency.
McNutt, F. C.	Taylorville	Christian	33	July 16, 1906	Competency.
McPherson, James	Murphysboro	Jackson	28	Apr. 13, 1897	Competency.
McPherson, Wm.	Herrin	Williamson	23	June 16, 1913	Competency.
McQuade, Jas.	Clark City	Kankakee	33	July 20, 1903	Competency.
McQuade, J. W.[3]	Ladd	Bureau	24	*July 26, 1911	Competency.
McQuay, Orvil	Herrin	Williamson	39	June 16, 1913	Competency.
McVay, Frank W.	Roanoke	Woodford	29	Feb. 20, 1896	Competency.
McVicar, Donald	LaSalle	LaSalle	41	Oct. 21, 1895	Competency.
McVicar, John	Virden	Macoupin	23	Nov. 30, 1908	Competency.
McWithy, G. A.	Smithboro	Bond	39	May 16, 1896	Service.
McWilliams, Harry	Belleville	St. Clair	28	July 16, 1906	Competency.
Maasburg, H. C.	Pinckneyville	Perry	42	July 25, 1899	Competency.
Madden, Harry	Danville	Vermilion	21	June 13, 1904	Competency.
Mader, Chas. H.	Staunton	Macoupin	37	Nov. 18, 1895	Competency.
Mahon, Michael	Braidwood	Will	27	Jan. 17, 1910	Competency.
Maier, Max	Lebanon	St. Clair	42	Dec. 6, 1898	Competency.
Mainwaring, James	Braceville	Grundy	35	Feb. 20, 1896	Competency.
Malcolm, Wm. J.	..do	..do	46	Sept. 26, 1899	Competency.
Maloy, Lewis	Georgetown	Vermilion	34	Mar. 25, 1907	Competency.
Maltby, Edward	Braidwood	Will	19	July 13, 1897	Competency.
Manley, Leo	Coffeen	Montgomery	27	Nov. 18, 1895	Competency.
Mann, Arthur	Herrin	Williamson	35	Apr. 10, 1911	Competency.
Mann, J. B.	Sherman	Sangamon	23	July 31, 1905	Competency.
Mannar, Charles W.	Moweaqua	Shelby	27	Feb. 15, 1909	Competency.
Manning, Ed. T.	Carterville	Williamson	40	Jan. 8, 1906	Competency.
Marie, John E.	Pottstown	Peoria	26	Nov. 14, 1904	Competency.
Marland, James	Wenona	Marshall	29	Feb. 20, 1896	Competency.
Marland, Wm.	Sparland	..do	42	May 16, 1896	Competency.
Marland, Wm.	Staunton	Macoupin	32	July 16, 1906	Competency.
Marsh, J. J.	Middlegrove	Fulton	37	June 16, 1913	Competency.
Marshall, Robert	Murphysboro	Jackson	28	Nov. 18, 1895	Competency.
Marshall, Robert	Yates City	Knox	31	May 16, 1896	Service.
Martin, Benj.	Toluca	Marshall	27	Aug. 6, 1900	Competency.
Martin, Edward	Freeburg	St. Clair	26	Jan. 15, 1912	Competency.
Martin, M. J.	Peoria	Peoria	22	Apr. 27, 1908	Competency.
Martin, N. W.	Marion	Williamson	35	Mar. 1, 1898	Competency.
Martin, Owen	Danville	Vermilion	31	Apr. 16, 1912	Competency.
Martin, Rollo A.	Bush	Williamson	36	Oct. 12, 1914	Competency.
Marxer, Louis J.	Millstadt	St. Clair	18	Sept. 13, 1898	Competency.
Marxer, William J.	..do	..do	25	Feb. 22, 1904	Competency.
Mason, Elmer	Winchester	Scott	25	July 20, 1903	Competency.
Mason, Walter	Edwardsville	Madison	63	Aug. 15, 1910	Competency.
Massie, J. G.	Belleville	St. Clair	48	Nov. 18, 1895	Competency.
Mathews, C.	Marion	Williamson	47	Nov. 23, 1896	Competency.
Mathews, C.	..do	..do	46	Nov. 18, 1895	Service.

Hoisting Engineers—Continued.

Name.	Post office.	County.	Age.	Date of examination.	Kind of certificate.
Mathews, George	Duquoin	Perry	28	Aug. 26, 1896	Service.
Mathews, Wm. G	Bartonville	Peoria	32	May 16, 1896	Service.
Mathis, Chas	Duquoin	Perry	23	July 16, 1906	Competency.
Mathis, George	..do	..do	41	Aug. 6, 1900	Competency.
Mattern, Daniel	Springvalley	Bureau	47	May 16, 1896	Service.
Mauck, Fred	Danville	Vermilion	22	Sept. 8, 1913	Competency.
Maule, Wm	Belleville	St. Clair	21	Aug. 26, 1896	Competency.
Maxwell, Fred	Peoria	Peoria	24	Oct. 21, 1895	Service.
Maxwell, Fred	..do	..do	27	Dec. 6, 189[illegible]	Competency.
May, Chas. W	Panama	Montgomery	27	Mar. 25, 1907	Competency.
May, W. P	Colleen	..do	29	Apr. 16, 1912	Competency.
Maynard, Clarence	Staunton	Macoupin	29	Apr. 11, 1910	Competency.
Mayor, Andrew W	Duquoin	Perry	21	Apr. 27, 1903	Competency.
Mayor, Gilbert A	St. John	..do	22	Nov. 1, 1909	Competency.
Mayor, J. W	Duquoin	..do	37	May 16, 1896	Competency.
Meade, Jesse B	Worden	Madison	26	Feb. 8, 1915	Competency.
Meadows, Wm	Ledford	Saline	36	Nov. 18, 1895	Competency.
Mechaelis, Edward	Belleville	St. Clair	21	Apr. 14, 1902	Competency.
Mein, W. F	Collinsville	Madison	30	July 12, 1909	Competency.
Meissner, Louis O	Riverton	Sangamon	37	Aug. 15, 1910	Competency.
Melins, Bert	St. David	Fulton	29	July 12, 1909	Competency.
Mellar, John	Peoria	Peoria	21	Sept. 21, 1908	Competency.
Melton, Frank	Gillespie	Macoupin	32	Oct. 15, 1906	Competency.
Melvin, Elmer	Tamaroa	Perry	24	Sept. 22, 1902	Competency.
Melvin, John	..do	..do	27	Apr. 27, 1908	Competency.
Melvin, Thomas	..do	..do	42	Apr. 9, 1900	Competency.
Melvin, T. M	..do	..do	38	Nov. 18, 1895	Service.
Meng, Geo. W	Freeburg	St. Clair	40	Dec. 10, 1900	Competency.
Menk, Hugh E	Edwardsville	Madison	20	July 31, 1905	Competency.
Mercer, Lewis W	St. John	Mercer	33	July 20, 1903	Competency.
Merideth, Arthur R	Troy	Madison	22	Nov. 14, 1904	Competency.
Merrell, Horace C	Collinsville	..do	23	Apr. 17, 1905	Competency.
Messenger, Joseph	Willisville	Perry	37	June 24, 1901	Competency.
Messersmith, Fred	Athens	Menard	31	Mar. 11, 1901	Competency.
Meyer, Henry	Trenton	Clinton	30	June 7, 1898	Competency.
Meyer, John	Staunton	Macoupin	22	Nov. 14, 1904	Competency.
Meyers, Peter W	Carlinville	..do	29	Aug. 6, 1900	Competency.
Michaels, Otto L	Belleville	St. Clair	21	May 16, 1896	Competency.
Miethe, Wm	Georgetown	Vermilion	31	Nov. 14, 1904	Competency.
Milem, John	Springvalley	Bureau	42	May 16, 1896	Service.
Millard, Charles H	East Peoria	Tazewell	33	Feb. 15, 1909	Competency.
Miller. A. J. F	Centralia	Marion	40	May 16, 1896	Competency.
Miller, E. E	Murphysboro	Jackson	44	Aug. 12, 1907	Competency.
Miller, Ezra	Duquoin	Perry	23	Dec. 14, 1914	Competency.
Miller, George A	Christopher	Franklin	24	Apr. 11, 1910	Competency.
Miller, Hugh	Braceville	Grundy	33	Dec. 5, 1899	Competency.
Miller, James	Alma	St. Clair	50	Feb. 20, 1896	Competency.
Miller, James C	Tamaroa	Perry	36	Nov. 14, 1904	Competency.
Miller, John	Streator	LaSalle	24	July 12, 1909	Competency.
Miller, John H	Summerfield	St. Clair	31	June 16, 1913	Competency.
Miller, Thos	Coulterville	Randolph	39	Mar. 25, 1907	Competency.
Miller, T. H	Raymond	Montgomery	41	Mar. 1, 1898	Competency.
Miller, William	Streator	LaSalle	58	Feb. 20, 1896	Service.
Miller, Wm. C	Reutcher	St. Clair	29	Nov. 18, 1895	Competency.
Mills, Charles J	Pana	Christian	30	July 22, 1912	Competency.
Mills, Thomas S	Coal City	Grundy	40	Feb. 20, 1896	Competency.
Minor, John	Mt. Olive	Macoupin	28	Oct. 15, 1906	Competency.
Minser, Robert A	Spaulding	Sangamon	27	Feb. 12, 1900	Competency.
Mitchell, Elijah R	Farmington	Fulton	28	Jan. 12, 1903	Competency.
Mitchell, S. R	Moweaqua	Shelby	45	Jan. 14, 1907	Competency.
Mize, Walter	Pana	Christian	25	Sept. 23, 1901	Competency.
Mockbee, Luther	Niantic	Macon	29	June 24, 1901	Competency.
Moffat, John	So. Wilmington	Grundy	30	Nov. 24, 1902	Competency.
Moffat, R. E	Cutler	Perry	29	June 6, 1899	Competency.
Moffat, Thos., Jr	Sparta	Randolph	35	Jan. 14, 1907	Competency.
Mohm, Edward	Peoria	Peoria	24	Dec. 14, 1903	Competency.
Molash, Adam	Springfield	Sangamon	28	Apr. 27, 1903	Competency.
Monaghan, James	Gillespie	Macoupin	49	Nov. 18, 1895	Competency.
Montgomery, Wm	DeSoto	Jackson	43	Dec. 19, 1910	Competency.
Montray, Sylvester	Willisville	Perry	40	Oct. 24, 1910	Competency.
Mooneyham, Oscar	Eldorado	Saline	22	Mar. 25, 1907	Competency.
Moor, F. J. W	Springfield	Sangamon	41	Dec. 6, 1898	Competency.
Moore, Andrew	Braceville	Grundy	28	July 20, 1903	Competency.
Moore, A. D	Elmwood	Peoria	37	Nov. 14, 1904	Competency.
Moore, George	Staunton	Macoupin	29	Feb. 17, 1908	Competency.
Moore, H. E	Troy	Madison	23	Apr. 16, 1906	Competency.

Hoisting Engineers—Continued.

Name.	Post office.	County.	Age.	Date of examination.	Kind of certificate.
Moore, I. N.	Johnston City	Williamson	29	July 16, 1906	Competency.
Moore, John	Dunfermline	Fulton	30	Apr. 5, 1915	Competency.
Moore, John A.	Christopher	Franklin	28	Aug. 15, 1904	Competency.
Moore, Wm. R.	Springfield	Sangamon	21	Mar. 25, 1907	Competency.
Morck, John	Belleville	St. Clair	34	Nov. 18, 1895	Competency.
Morehouse, Chas. L.	Danville	Vermilion	34	Apr. 9, 1900	Competency.
Morgan, Charley	Eldorado	Saline	33	Nov. 14, 1904	Competency.
Morgan, Edward M.	Springfield	Sangamon	25	Sept. 21, 1908	Competency.
Morgan, Geo. L.	Pekin	Tazewell	41	Oct. 11, 1915	First class.
Morgan, John C.	Springfield	Sangamon	37	Nov. 18, 1895	Competency.
Morgan, Jos. W.	..do	..do	25	Jan. 8, 1906	Competency.
Morgan, William	Carbon Hill	Grundy	21	Feb. 20, 1896	Competency.
Moriarty, John	Niantic	Macon	45	July 27, 1908	Competency.
Morin, Frank	Peoria	Peoria	28	Nov. 14, 1904	Competency.
Moritz, Joseph L.	Edinburg	Christian	34	Feb. 22, 1904	Competency.
Morris, Archie	Duquoin	Perry	21	Oct. 19, 1903	Competency.
Morris, George	Belleville	St. Clair	38	Nov. 18, 1895	Competency.
Morris, James	Springfield	Sangamon	57	Apr. 27, 1903	Competency.
Morris, James	Mt. Olive	Macoupin	22	Feb. 28, 1899	Competency.
Morris, Jas. H.	Nashville	Washington	26	Sept. 13, 1898	Competency.
Morris, John	Duquoin	Perry	28	July 16, 1906	Competency.
Morris, John W.	Divernon	Sangamon	21	Dec. 10, 1900	Competency.
Morris, Wm.	Mt. Olive	Macoupin	39	May 16, 1896	Competency.
Morris, William	Harrisburg	Saline	29	Jan. 12, 1903	Competency.
Morris, W. F.	Marion	Williamson	29	Nov. 30, 1908	Competency.
Morrisey, Thomas	Lebanon	St. Clair	38	Aug. 26, 1896	Competency.
Morrison, Archie	Oglesby	LaSalle	30	July 13, 1897	Competency.
Morrison, Archie	..do	..do	29	May 16, 1896	Service.
Morrissey, Patrick	Staunton	Macoupin	27	Nov. 13, 1905	Competency.
Moser, Jacob W.	Rentchler	St. Clair	36	May 21, 1900	Competency.
Muelchi, William	O'Fallon	..do	27	Apr. 20, 1914	Competency.
Mueller, John	Zeigler	Franklin	29	Sept. 8, 1913	Competency.
Mulligan, Mourice	Farmington	Fulton	33	Sept. 8, 1913	Competency.
Mulvaney, Christopher	Edwards	Peoria	55	Feb. 12, 1900	Competency.
Mulvany, A. T.	Glenburn	Vermilion	28	Nov. 18, 1895	Competency.
Munmey, Harry	Farmington	Fulton	22	Aug. 12, 1907	Competency.
Mundell, J. A.	Benton	Franklin	28	July 12, 1909	Competency.
Muren, Alfred L.	Belleville	St. Clair	22	June 6, 1899	Competency.
Muren, Joseph L.	..do	..do	22	Oct. 15, 1900	Competency.
Murphy, Earl E.	Farmington	Fulton	21	Feb. 17, 1908	Competency.
Murphy, Edward	..do	..do	35	June 24, 1901	Competency.
Murphy, James F.	Springfield	Sangamon	35	June 24, 1901	Competency.
Murphy, John A.	Johnston City	Williamson	31	Oct. 24, 1910	Competency.
Murphy, M. M.	Canton	Fulton	28	July 12, 1909	Competency.
Murphy, Robert G.	Norris	..do	40	Oct. 21, 1895	Competency.
Murray, Christopher C.	Gillespie	Macoupin	32	Feb. 12, 1900	Competency.
Murray, James H.	Galva	Henry	57	Oct. 21, 1895	Service.
Murray, Joe P.	Roseboro	Randolph	30	May 16, 1896	Competency.
Murray, Robert	Coal City	Grundy	35	Apr. 14, 1902	Competency.
Murrie, Archie	Trenton	Clinton	44	Nov. 18, 1895	Competency.
Muser, William D.	Lenzburg	St. Clair	23	Jan. 15, 1912	Competency.
Musgrave, Chas.	Carterville	Williamson	22	Dec. 2, 1907	Competency.
Murgrave, Fred E.	..do	..do	30	Nov. 20, 1911	Competency.
Musson, H. A.	Colchester	McDonough	59	Mar. 25, 1907	Competency.
Myers, Edward	Kincaid	Christian	21	Apr. 14, 1913	Competency.
Myers, Floyd B.	Smithboro	Bond	30	Feb. 17, 1908	Competency.
Myers, Henry	Minonk	Woodford	31	Feb. 20, 1896	Competency.
Myers, William	Decatur	Macon	31	Feb. 22, 1904	Competency.
Nagle, Jake	Springfield	Sangamon	34	Dec. 5, 1899	Competency.
Nangle, A. J.	Herrin	Williamson	35	Nov. 14, 1904	Competency.
Neal, Ambrose	Carlinville	Macoupin	66	June 6, 1899	Competency.
Neal, Ambrose	Barclay	Sangamon	64	May 16, 1896	Service.
Neal, Holt	Hannaford	Franklin	32	June 15, 1915	Competency.
Needham, Daniel	Breese	Clinton	33	Nov. 18, 1895	Competency.
Neely, Claude	Eldorado	Saline	31	Nov. 20, 1911	Competency.
Nees, Jacob	Shelbyville	Shelby	39	Oct. 12, 1914	Competency.
Negley, Frank M.	Canton	Fulton	43	Nov. 13, 1905	Competency.
Negley, Ollie K.	Norris	..do	39	Apr. 9, 1900	Competency.
Neil, John H.	Bunker Hill	Macoupin	30	June 24, 1901	Competency.
Neil, John H.	..do	..do	25	Nov. 18, 1895	Service.
Neilson, James W.	Sparta	Randolph	47	Apr. 9, 1900	Competency.
Neilson, J. W.	..do	..do	43	Nov. 18, 1895	Service.
Nelson, Andrew V.	Centralia	Marion	33	Oct. 21, 1895	Competency.

Hoisting Engineers—Continued.

Name.	Post office.	County.	Age.	Date of examination.	Kind of certificate.
Neutzel, Fred H.	Caseyville	St. Clair	42	Mar. 1, 1898	Competency.
Nevener, James	Belleville	..do	30	Nov. 18, 1895	Competency.
Newell, Leroy	Sparland	Marshall	37	Oct. 21, 1895	Competency.
Newell, Thomas	Waltonville	Jefferson	39	Jan. 14, 1907	Competency.
Newman, George	Eldorado	Saline	38	Jan. 17, 1910	Competency.
Nicely, Alfred H.	Coal Valley	Rock Island	42	Nov. 30, 1908	Competency.
Nichols, E. E.	Coffeen	Montgomery	29	Nov. 14, 1904	Competency.
Nichols, F. B.	Coal Valley	Rock Island	33	Aug. 15, 1904	Competency.
Nichols, James	So. Wilmington	Grundy	36	Jan. 14, 1907	Competency.
Nichols, John	Athens	Menard	43	Dec. 5, 1899	Competency.
Nicholson, Geo. A.	Cuba	Fulton	32	Oct. 21, 1895	Service.
Nickens, William	Sunfield	Perry	32	Sept. 21, 1908	Competency.
Nickerson, James K.	Colfax	McLean	30	Sept. 23, 1901	Competency.
Nicol, Adolph	Belleville	St. Clair	27	Aug. 26, 1896	Competency.
Nocol, William	..do	..do	36	Feb. 12, 1900	Competency.
Nicolaides, Geo.	Dewmaine	Williamson	21	July 16, 1906	Competency.
Neoborg, Peter	Galva	Henry	34	Oct. 21, 1895	Competency.
Noid, John E.	..do	..do	46	Oct. 21, 1895	Service.
Nolen, Emra	Carriers Mills	Saline	32	Nov. 1, 1909	Competency.
Norborn, Frank	Galva	Henry	46	June 24, 1901	Competency.
Norfleet, Thos. M.	Springfield	Sangamon	27	Aug. 6, 1900	Competency.
Norgart, Andrew	Streator	LaSalle	26	July 16, 1906	Competency.
Norris, Floyd	Duquoin	Perry	31	Aug. 6, 1900	Competency.
Norris, F. E.	Ellisville	Fulton	41	Sept. 21, 1908	Competency.
Norris, James J.	Murphysboro	Jackson	33	June 24, 1901	Competency.
Norton, Victor	Brereton	Fulton	52	Aug. 15, 1904	Competency.
Norton, William	Oglesby	LaSalle	29	June 6, 1899	Competency.
Novaria, Leshe	Catlin	Vermilion	21	Apr. 10, 1911	Competency.
Nowitzke, Harry	Granville	Putnam	29	Nov. 11, 1912	Competency.
Obermarferman, Andrew	Collinsville	Madison	28	Sept. 21, 1908	Competency.
O'Brien, Terry	Decatur	Macon	38	May 16, 1896	Competency.
Ochman, Frank	Springvalley	Bureau	28	Feb. 20, 1896	Service.
O'Donnell, Mike	Decatur	Macon	40	Nov. 18, 1895	Competency.
Oechsner, Fred	Beckemeyer	Clinton	23	Feb. 9, 1914	Competency.
Oexner, Frank	Belleville	St. Clair	29	July 27, 1908	Competency.
Ogden, Dave	Rentchler	..do	22	Aug. 26, 1896	Service.
Ogden, Samuel	Mascoutah	..do	31	Sept. 13, 1898	Competency.
Odgen, Samuel	..do	..do	28	Nov. 18, 1895	Service.
Ogden, William	Rentchler	..do	35	Feb. 12, 1900	Competency.
Ohlan, Aug. H.	Percy	Randolph	45	Mar. 7, 1916	Second class.
Olinger, J.	Odin	Marion	22	Nov. 18, 1895	Competency.
Olive, Edmund	Livingston	Madison	46	Jan. 8, 1906	Competency.
Oliver, Fred	Farmington	Fulton	26	Sept. 21, 1908	Competency.
Ollar, Milo	Carterville	Williamson	28	Oct. 24, 1910	Competency.
Olmsted, Arthur	Bunker Hill	Macoupin	30	May 15, 1916	Second class.
Olson, Aug.	Kangley	LaSalle	36	Oct. 21, 1895	Service.
Olson, Aug.	Streator	..do	40	July 25, 1899	Competency.
Ondescks, George	Braceville	Grundy	42	Feb. 22, 1904	Competency.
O'Neil, James	Streator	LaSalle	32	Mar. 1, 1898	Competency.
Opie, Fred	Mt. Olive	Macoupin	36	Apr. 13, 1897	Competency.
Opferken, John F.	Minonk	Woolford	24	Jan. 17, 1910	Competency.
Ord, S. R.	Mt. Vernon	Jefferson	46	Nov. 18, 1895	Competency.
O'Riley, Wilber	Grape Creek	Vermilion	24	Mar. 11, 1901	Competency.
Ormiston, Quay	Harrisburg	Saline	23	June 24, 1907	Competency.
Ormiston, Robert	Danville	Vermilion	26	July 20, 1903	Competency.
O'Rourke, Peter	Minonk	Woolford	44	May 15, 1916	First class.
Orr, John F.	Carmi	White	43	Nov. 14, 1904	Competency.
Osborn, Marion G.	Herrin	Williamson	21	Aug. 12, 1907	Competency.
Osborne, Benjamin	Streator	LaSalle	35	Sept. 26, 1899	Competency.
Osborne, Benjamin	..do	..do	32	Feb 20, 1896	Service.
Osburn, Glenn L.	..do	..do	31	Oct. 21, 1895	Competency.
Oswald, A. E.	Canton	Fulton	35	Nov 11, 1912	Competency.
Ottinger, Wm.	Catlin	Vermilion	35	May 16, 1896	Service.
Otto, John	Collinsville	Madison	33	Nov. 18, 1895	Competency.
Outhonse, John	Johnston City	Williamson	34	Nov. 18, 1895	Competency.
Overturf, Clarence	Buckner	Franklin	22	Feb. 8, 1915	Competency.
Owens, Lyman	Belleville	St. Clair	31	Apr. 5, 1915	Competency.
Packingham, Harry	Granville	Putnam	22	Jan. 8, 1906	Competency.
Packingham, Reuben M.	..do	..do	26	July 22, 1912	Competency.
Paddock, W. D.	Pana	Christian	31	May 16, 1896	Competency.
Paden, Fred L.	Centralia	Marion	27	Oct. 24, 1910	Competency.
Paden, J. W.	Springvalley	Bureau	28	May 16, 1896	Competency.
Pair, J. H.	Willisville	Perry	27	Nov. 14, 1904	Competency.
Pallardy, Wm. P.	Springfield	Sangamon	34	Oct. 15, 1906	Competency.

Hoisting Engineers—Continued.

Name.	Post office.	County.	Age.	Date of examination.	Kind of certificate.
Pankey, James M	Equality	Gallatin	58	Mar. 11, 1901	Competency.
Pankey, John M	..do	..do	53	Nov. 18, 1895	Service.
Parkinson, Alex	Harrisburg	Saline	25	June 16, 1913	Competency.
Parker, Joseph M	Murphysboro	Jackson	42	Sept. 26, 1899	Competency.
Parker, William	Pana	Christian	27	Apr. 27, 1908	Competency.
Parks, James	Streator	LaSalle	36	Feb. 20, 1896	Competency.
Parr, Ross	Astoria	Fulton	33	Dec. 14, 1914	Competency.
Parsh, Gus	Auburn	Sangamon	36	Oct. 15, 1906	Competency.
Parsons, Geo	Herrin	Williamson	24	Jan. 14, 1907	Competency.
Parsons, Robert	Riverton	Sangamon	21	Feb. 15, 1909	Competency.
Passent, W. C	Ellisville	Fulton	48	Apr. 16, 1912	Competency.
Patterson, Bert	Westville	Vermilion	27	Nov. 14, 1904	Competency.
Patterson, J. R	Norris	Fulton	35	July 27, 1908	Competency.
Patterson, R. J	Murphysboro	Jackson	37	May 16, 1896	Competency.
Patterson, Thomas	Gillespie	Macoupin	26	Oct. 19, 1903	Competency.
Patterson, W. M	St. Louis, Mo		37	Sept. 13, 1898	Competency.
Patton, Frank L	Springfield	Sangamon	27	Nov. 24, 1902	Competency.
Paul, L. P	Canton	Fulton	40	Apr. 27, 1908	Competency.
Payne, John T	Reeves	Williamson	27	Apr. 12, 1909	Competency.
Payton, Ralph C	Sesser	Franklin	31	July 16, 1906	Competency.
Pease, Leonard	Wyoming	Stark	32	July 10, 1911	Competency.
Peecher, David	Braidwood	Will	38	Feb. 20, 1896	Competency.
Peek, Robert	West Frankfort	Franklin	23	Sept. 8, 1913	Competency.
Peet, Charles	Marseilles	LaSalle	47	Sept. 26, 1899	Competency.
Peet, Chas	..do	..do	44	Feb. 20, 1896	Service.
Pemberton, C. W	Duquoin	Perry	32	Mar. 1, 1898	Competency.
Pendergast, James	Soperville	Knox	20	May 16, 1896	Service.
Pendergast, John	..do	..do	28	Dec. 5, 1899	Competency.
Perkes, Ephriam	Vandercook	Vermilion	25	Mar. 1, 1898	Competency.
Perrine, Geo. H	Herrin	Williamson	40	Dec. 5, 1899	Competency.
Perrine, Roy	Harrisburg	Saline	24	Dec. 19, 1910	Competency.
Peters, Alonzo L	Peoria	Peoria	32	Mar. 11, 1901	Com etency.
Peterson, F. W	Farmington	Fulton	23	Apr. 20, 1914	Competency.
Petra, Frank	Odin	Marion	30	Aug. 26, 1896	Competency.
Petrea, J. W	Centralia	..do	32	Nov. 18, 1895	Competency.
Petri, Gustave	Lenzburg	St. Clair	21	Nov. 30, 1908	Competency.
Petro, Mike	Braceville	Grundy	40	Nov. 25, 1901	Competency.
Peyla, George	Braidwood	Will	40	Nov. 24, 1902	Competency.
Peyton, J. H	Springfield	Sangamon	26	Dec. 19, 1910	Competency.
Phillips, J. M	Athens	Menard	42	May 16, 1896	Competency.
Phillips, Sedley	Belleville	St. Clair	29	Apr. 16, 1912	Competency.
Phillips, Wm	Halldayboro	Jackson	49	Nov. 18, 1895	Service.
Picton, John T	Farmington	Fulton	40	July 27, 1908	Competency.
Picton, T. H	St. David	..do	39	Mar. 13, 1905	Competency.
Pickton, Joseph	Farmington	..do	39	Nov. 23, 1896	Service.
Pickton, T. H	..do	..do	30	Nov. 23, 1896	Service.
Pierce, H. L	Cable	Mercer	29	Oct. 21, 1895	Competency.
Pierson, Chas	Harrisburg	Saline	27	Apr. 27, 1903	Competency.
Pierson, Jos	..do	..do	21	Apr. 27, 1903	Competency.
Pierson, Thomas	..do	..do	36	Mar. 11, 1901	Competency.
Pike, Andy A	Christopher	Franklin	26	June 16, 1913	Competency.
Piland, Milo M	Harrisburg	Saline	21	Apr. 20, 1914	Competency.
Pinegar, James	Oakwood	Vermilion	35	Mar. 25, 1907	Competency.
Pinkerton, John G	Hanna City	Peoria	36	Feb. 12, 1900	Competency.
Piper, James	Worden	Madison	22	May 16, 1896	Competency.
Piper, Joe	Staunton	Macoupin	21	July 25, 1899	Competency.
Piper, Oliver	Worden	Madison	39	Nov. 18, 1895	Service.
Piper, Oliver G	Glen Carbon	..do	42	Sept. 13, 1898	Competency.
Pircher, Peter P	Sandoval	Marion	29	Nov. 18, 1895	Competency.
Pirkes, Eptraim	Danville	Vermilion	27	Nov. 18, 1895	Service.
Pirkle, Derald	Sorento	Bond	25	Feb. 9, 1914	Competency.
Pistor, William	Millstadt	St. Clair	52	Dec. 11, 1911	Competency.
Pitt, Joseph	Trenton	Clinton	29	Mar. 1, 1898	Competency.
Pitt, Sam	..do	..do	32	Nov. 13, 1905	Competency.
Pittman, Roy	Ledford	Saline	32	July 31, 1905	Competency.
Platt, John A	Springfield	Sangamon	40	Oct. 19, 1903	Competency.
Plenty, Geo. R	Canton	Fulton	21	June 6, 1899	Competency.
Plimmer, Ben	Streator	LaSalle	31	Nov. 23, 1896	Competency.
Plocker, Henry	Pana	Christian	51	Aug. 26, 1896	Competency.
Plumlee, Arthur	Carterville	Williamson	30	Apr. 10, 1911	Competency.
Pointer, Ed. H	Belleville	St. Clair	37	Nov. 18, 1895	Competency.
Pollard, W. C	Lovington	Moultrie	32	Sept. 21, 1908	Competency.
Pomatto, Joseph	Braidwood	Will	21	Nov. 30, 1908	Competency.
Poole, Arthur H	Murphysboro	Jackson	27	Nov. 14, 1904	Competency.
Poole, Edward A	Lake Creek	Williamson	35	Apr. 14, 1902	Competency.
Pope, Clarence A	Pana	Christian	28	Apr. 27, 1908	Competency.

Hoisting Engineers—Continued.

Name.	Post office.	County.	Age.	Date of examination.	Kind of certificate.
Porter, O. M.	Westville	Vermilion	30	Jan. 14, 1907	Competency.
Poston, Maurice	Moline	Rock Island	26	Apr. 20, 1914	Competency.
Potter, E. H.	Marissa	St. Clair	26	Feb. 13, 1911	Competency.
Powell, Allie	Springfield	Sangamon	24	Dec. 14, 1914	Competency.
Powell, Edwin	Caseyville	St. Clair	25	Feb. 20, 1896	Competency.
Powell, F. C.	Seatonville	Bureau	28	May 16, 1896	Competency.
Prater, W. E.	Coffeen	Montgomery	39	Oct. 12, 1914	Competency.
Prescott, George A.	Centralia	Marion	22	July 20, 1903	Competency.
Price, Daniel D.	Reddick	Kankakee	24	June 24, 1901	Competency.
Price, Thomas	Spaulding	Sangamon	49	Feb. 20, 1896	Competency.
Prichard, H. C.	Lewistown	Fulton	36	Oct. 21, 1895	Service.
Priest, Glen	Peoria	Peoria	21	Sept. 21, 1908	Competency.
Pritchard, H. C.	Lewistown	Fulton	36	July 25, 1899	Competency.
Pritchard, Jacob L.	Canton	..do	33	Dec. 2, 1907	Competency.
Pritchett, Thos. M.	Niantic	Macon	39	May 21, 1900	Competency.
Pritchett, T. M.	..do	..do	36	May 16, 1896	Service.
Proctor, B. W.	Marion	Williamson	23	Sept. 21, 1908	Competency.
Pruett, J. M.	Harrisburg	Saline	28	Nov. 14, 1904	Competency.
Pugh, Dan	St. John	Perry	44	Nov. 18, 1895	Competency.
Pullen, R. H.	Sorento	Bond	28	Sept. 13, 1898	Competency.
Pulley, Ernest	Marion	Williamson	22	Dec. 19, 1910	Competency.
Pulver, R. H.	Centralia	Marion	22	Nov. 18, 1895	Competency.
Purdy, D. M.	Staunton	Macoupin	24	Feb. 8, 1915	Competency.
Pye, Samuel F.	Bartonville	Peoria	22	Nov. 1, 1909	Competency.
Pyle, Chilton	Carriers Mills	Saline	30	Mar. 25, 1907	Competency.
Qualls, Nevall	Dubois	Washington	58	May 21, 1900	Competency.
Qualls, Nevel	..do	..do	53	May 16, 1896	Service.
Quick, A. H.	Sato	Jackson	24	May 16, 1896	Competency.
Quick, A. T.	..do	..do	30	Nov. 18, 1895	Service.
Quick, A. T.	..do	..do	31	May 16, 1896	Competency.
Quick, Harry	Oakwood	Vermilion	29	Oct. 15, 1906	Competency.
Quick, John	Braidwood	Will	29	Nov. 13, 1905	Competency.
Quick, Seibert T.	Pinckneyville	Perry	24	June 24, 1901	Competency.
Quigley, Henry	Hallidayboro	Jackson	27	May 16, 1896	Competency.
Quinn, Joseph	Springfield	Sangamon	26	Aug. 6, 1900	Competency.
Raber, F. C.	Troy	Madison	43	Nov. 18, 1895	Competency.
Raber, Louis	Collinsville	..do	44	July 13, 1897	Competency.
Raber, Louis	Caseyville	St. Clair	42	Nov. 18, 1895	Service.
Radford, James W.	Cuba	Fulton	27	Oct. 21, 1895	Service.
Radford, W. T.	Bloomington	McLean	30	Oct. 21, 1895	Service.
Radford, W. T.	..do	..do	30	Feb. 20, 1896	Competency.
Rafter, James P.	Springvalley	Bureau	30	June 24, 1901	Competency.
Rafter, Michael	Marquette	..do	50	Aug. 26, 1896	Competency.
Rahouse, Mike	Pawnee	Sangamon	39	Oct. 21, 1895	Service.
Raisbeck, John	Braceville	Grundy	37	Sept. 26, 1899	Competency.
Rakard, Freeman	Rutland	LaSalle	34	June 13, 1904	Competency.
Randle, Calip	Belleville	St. Clair	21	Nov. 18, 1895	Competency.
Randle, Wm.	Freeburg	..do	32	Nov. 18, 1895	Competency.
Rasch, August F.	Trenton	Clinton	30	Sept. 23, 1901	Competency.
Rasor, J. D.	Staunton	Macoupin	34	May 16, 1896	Competency.
Ratcliff, Arthur	Sheffield	Bureau	28	Dec. 14, 1903	Competency.
Ratcliff, L. P.	Carterville	Williamson	36	Nov. 13, 1905	Competency.
Rawlinger, Alex. W.	Cantrall	Sangamon	47	Dec. 5, 1899	Competency.
Rawson, Grant I.	Belleville	St. Clair	28	Nov. 25, 1901	Competency.
Reagan, Wm.	Mt. Olive	Macoupin	34	Nov. 18, 1895	Competency.
Record, Lewis A.	Rutland	LaSalle	29	Oct. 19, 1903	Competency.
Redden, James W.	Dewmaine	Williamson	38	June 13, 1904	Competency.
Reddick, William	Murphysboro	Jackson	23	Dec. 2, 1907	Competency.
Redding, Curtis	Niantic	Macon	21	Dec. 5, 1899	Competency.
Redman, John J.	Witt	Montgomery	39	July 10, 1911	Competency.
Redyard, John	Odin	Marion	34	Oct. 21, 1895	Service.
Reed, John	Herrin	Williamson	43	Dec. 5, 1899	Competency.
Reeise, Wm. M.	Roanoke	Woodford	69	May 21, 1900	Competency.
Reese, John U.	Collinsville	Madison	23	Aug. 15, 1904	Competency.
Reice, Wm. M.	Roanoke	Woodford	64	Oct. 21, 1895	Service.
Reichart, William	Tower Hill	Shelby	41	Nov. 1, 1909	Competency.
Reichmann, George	Trenton	Clinton	38	Dec. 5, 1899	Competency.
Reid, Andrew B.	Duquoin	Perry	41	Feb. 12, 1900	Competency.
Reid, Archibald	Springfield	Sangamon	61	May 16, 1896	Competency.
Reid, A. B.	Duquoin	Perry	37	Nov. 18, 1895	Service.
Reid, Marlow	Carriers Mills	Saline	29	Nov. 1, 1909	Competency.
Reid, Robert	Moweaqua	Shelby	44	Apr. 9, 1900	Competency.
Reid, Wm. J.	Danville	Vermilion	30	Feb. 20, 1896	Competency.
Reiddberger, Wm. J.	Dubois	Washington	34	Sept. 23, 1901	Competency.

Hoisting Engineers—Continued.

Name.	Post office.	County.	Age.	Date of examination.	Kind of certificate.
Reidlinger, Peter M	Peoria	Peoria	27	Mar. 11, 1901	Competency.
Reilly, Henry	Toluca	Marshall	23	Feb. 20, 1896	Competency.
Reimann, John	Belleville	St. Clair	35	May 16, 1896	Competency.
Reitz, Hans	Lincoln	Logan	21	Feb. 20, 1896	Competency.
Reitz, Herman	..do	..do	26	Oct. 21, 1895	Competency.
Remelius, Jacob	O'Fallon	St. Clair	28	Sept. 13, 1898	Competency.
Remelius, William	..do	..do	23	Sept. 21, 1908	Competency.
Rennard, James E	Grape Creek	Vermilion	32	Sept. 26, 1899	Competency.
Rennard, J. E	..do	..do	29	May 16, 1896	Service.
Rennie, Andrew	Dunfermline	Fulton	30	Feb. 20, 1896	Competency.
Rennie, George	..do	..do	33	Oct. 21, 1895	Competency.
Rennie, Herbert	Farmington	..do	21	Nov. 30, 1908	Competency.
Renter, August	Mt. Olive	Macoupin	28	Feb. 12, 1900	Competency.
Repke, William	Willisville	Perry	27	Jan. 10, 1916	First class.
Reum, Chas. H	Sorento	Bond	33	Nov. 18, 1895	Service.
Reynolds, James	Streator	LaSalle	25	Mar. 13, 1905	Competency.
Rezabek, Joseph	Glen Carbon	Madison	33	June 6, 1899	Competency.
Rhine, Martin N	Eldorado	Saline	32	Dec. 2, 1907	Competency.
Rhoades, Ashley	Taylorville	Christian	34	Apr. 14, 1902	Competency.
Rhodes, Almon R	Chenoa	McLean	37	Feb. 20, 1896	Competency.
Rice, B. F	Harrisburg	Saline	33	Nov. 18, 1895	Service.
Rice, C. L	..do	..do	29	Nov. 18, 1895	Competency.
Rice, James M	Sunfield	Perry	26	June 6, 1899	Competency.
Rice, Moses	Murphysboro	Jackson	43	Nov. 18, 1895	Competency.
Rice, Wm. H	Harrisburg	Saline	49	Nov. 13, 1905	Competency.
Richards, John T	Staunton	Macoupin	40	Nov. 18, 1895	Competency.
Richart, Lee	Moweaqua	Shelby	22	Dec. 5, 1899	Competency.
Richmond, Ed. B	Winchester	Scott	27	Nov. 18, 1895	Service.
Richmund, John E	Coal City	Grundy	36	Nov. 18, 1895	Competency.
Rieger, John C	Pinckneyville	Perry	46	Dec. 5, 1899	Competency.
Rieger, John C	..do	..do	42	Nov. 18, 1895	Service.
Riland, Francis F	Harrisburg	Saline	31	June 13, 1904	Competency.
Riley, B. J	Cantrall	Sangamon	23	Aug. 26, 1896	Competency.
Riley, Michael	Grape Creek	Vermilion	51	Sept. 26, 1899	Competency.
Riley, Michael	Westville	..do	47	May 16, 1896	Service.
Rinehart, Arch	Taylorville	Christian	30	Apr. 16, 1912	Competency.
Rippeto, J. G	Colchester	McDonough	45	Oct. 21, 1895	Competency.
Rippetoe, Geo. H	..do	..do	21	June 24, 1907	Competency.
Ripplinger, H	Belleville	St. Clair	22	Sept. 13, 1898	Competency.
Ritchie, John	Trenton	Clinton	22	Dec. 6, 1898	Competency.
Ritchie, John A	O'Fallon	St. Clair	22	Oct. 24, 1910	Competency.
Ritchie, John F	Christopher	Franklin	28	Mar. 25, 1907	Competency.
Ritson, Stacy	Farmington	Fulton	24	July 12, 1909	Competency.
Riviere, Paul	Orchard Mines	Peoria	30	July 27, 1908	Competency.
Roach, Samuel	Tamaroa	Perry	47	Apr. 9, 1900	Competency.
Roach, Samuel	..do	..do	42	Nov. 18, 1895	Service.
Roberts, Charles	LaSalle	LaSalle	44	Feb. 12, 1900	Competency.
Roberts, Edward J	Kangley	..do	21	Nov. 24, 1902	Competency.
Roberts, E. J	Danville	Vermilion	23	Apr. 10, 1911	Competency.
Roberts, Frank L	Lake Creek	Williamson	34	Nov. 24, 1902	Competency.
Roberts, Harry E	Johnston City	..do	29	Oct. 11, 1915	First class.
Roberts, Irwin	..do	..do	30	Nov. 14, 1904	Competency.
Roberts, Jonathan	Willisville	Perry	31	Nov. 23, 1896	Competency.
Roberts, Moody E	Bartonville	Peoria	33	Feb. 9, 1914	Competency.
Roberts, Wm	Kangley	LaSalle	21	Apr. 17, 1905	Competency.
Roberts, Wm. R	Murphysboro	Jackson	24	Jan. 14, 1907	Competency.
Roberts, W. P	Johnston City	Williamson	39	Nov. 14, 1904	Competency.
Robinson, Charles	Toluca	Marshall	22	June 16, 1913	Competency.
Robinson, Chas	Wenona	..do	33	Oct. 21, 1895	Competency.
Robinson, J. A	Riverton	Sangamon	51	May 16, 1896	Competency.
Robinson, John C	Granville	Putnam	29	Apr. 12, 1909	Competency.
Robinson, William A	Toluca	Marshall	35	Feb. 20, 1896	Competency.
Rockey, Chas	Peoria	Peoria	33	Oct. 21, 1895	Competency.
Roddy, Malcolm E	Christopher	Franklin	29	July 27, 1908	Competency.
Rode, Henry	Sherrard	Mercer	45	Nov. 25, 1901	Competency.
Rodgers, Finnel	Murphysboro	Jackson	25	Mar. 11, 1901	Competency.
Rodgers, James W., Jr	Eldorado	Saline	24	Mar. 7, 1916	First class.
Rodgers, Ralph D	Farmington	Fulton	25	Feb. 13, 1911	Competency.
Rodgers, T. C	Harrisburg	Saline	27	Feb. 13, 1911	Competency.
Roff, Ernest	Moweaqua	Shelby	23	Mar 7, 1916	First class.
Rogers, Dudley	Christopher	Franklin	21	Apr. 16, 1912	Competency.
Rogers, Edward	Murphysboro	Jackson	36	July 13, 1897	Competency.
Rogers, George	Sunfield	Perry	23	Nov. 18, 1895	Service.
Rogers, Geo. R	..do	..do	26	Feb. 28, 1899	Competency.
Rogers, Harry F	Braidwood	Will	21	Nov. 1, 1909	Competency.
Rogers, Henry	..do	..do	48	Oct. 21, 1895	Service.

Hoisting Engineers—Continued.

Name.	Post office.	County.	Age.	Date of examination.	Kind of certificate.
Rohline, Warner	Cuba	Fulton	21	July 22, 1912	Competency.
Rohour, Mikle	Grape Creek	Vermilion	43	June 6, 1899	Competency.
Rohr, Herman J	Alexis	Warren	37	Aug. 6, 1906	Competency.
Rosan, Benj	Duquoin	Perry	35	July 20, 1903	Competency.
Rose, S. H	Lincoln	Logan	37	Apr. 14, 1913	Competency.
Ross, B. J	Alsey	Scott	21	July 27, 1908	Competency.
Rothenberger, Ed	Springvalley	Bureau	22	July 12, 1909	Competency.
Rounds, C. E	Utica	LaSalle	28	Feb. 13, 1911	Competency.
Rowland, Sidney G	Belleville	St. Clair	19	June 6, 1899	Competency.
Rowlands, Samuel J	Divernon	Sangamon	45	June 16, 1902	Competency.
Roy, A. L	Collinsville	Madison	49	Nov. 18, 1895	Competency.
Roy, Hugh	Wanlock	Mercer	23	Feb. 12, 1900	Competency.
Royster, Richard	Peoria	Peoria	38	Dec. 5, 1899	Competency.
Rude, Edmond	DeSoto	Jackson	45	Feb. 12, 1900	Competency.
Rude, Edmond	..do	..do	40	Nov. 18, 1895	Service.
Rude, Harry	Harrisburg	Saline	22	Jan. 6, 1913	Competency.
Ruhlander, E. H	Mt. Olive	Macoupin	25	Nov. 14, 1904	Competency.
Rull, Siebert	Staunton	..do	21	Aug. 12, 1907	Competency.
Russell, A. J	Eldorado	Saline	32	Dec. 2, 1907	Competency.
Russell, Guy	Harrisburg	..do	28	Nov. 14, 1904	Competency.
Russell, R. O	Reeves	Williamson	28	July 27, 1908	Competency.
Russell, Zenas	Pana	Christian	29	Nov. 18, 1895	Competency.
Rushing, J. D	Pinckneyville	Perry	27	Apr. 12, 1909	Competency.
Rutherford, H. L	Lovington	Moultrie	27	Apr. 12, 1909	Competency.
Rutliff, J. W	Ashland	Cass	45	May 16, 1896	Competency.
Ryan, James	Springvalley	Bureau	33	Mar. 25, 1907	Competency.
Ryan, Lawrence	Decatur	Macon	25	Aug. 6, 1900	Competency.
Ryan, Wm	Athens	Menard	29	July 16, 1906	Competency.
Sadler, George	Murphysboro	Jackson	35	Nov. 23, 1896	Competency.
Sager, Ed. L	Trenton	Clinton	28	Jan. 16, 1905	Competency.
Saidla, J. A	Carterville	Williamson	51	Mar. 13, 1905	Competency.
St. Clair, James A.	Macomb	McDonough	38	Jan. 8, 1906	Competency.
Salger, Louis	Willisville	Perry	27	Feb. 9, 1914	Competency.
Sallade, G. A	Chatham	Sangamon	28	June 6, 1899	Competency.
Sallade, Geo. A	..do	..do	25	Feb. 20, 1896	Service.
Sallade, J. E	..do	..do	30	Mar. 1, 1898	Competency.
Salmons, Jasper	Tower Hill	Shelby	27	Feb. 9, 1914	Competency.
Sampson, Joseph M	Petersburg	Menard	36	Aug. 15, 1904	Competency.
Sands, Robt. K	Marissa	St. Clair	35	Dec. 6, 1898	Competency.
Sangrelet, Charles	Litchfield	Montgomery	21	Nov. 25, 1901	Competency.
Sanks, J. E	Edinburg	Christian	35	Jan. 11, 1907	Competency.
Sansom, T. J	Carterville	Williamson	49	May 16, 1896	Service.
Satterfield, Lewis	Pana	Christian	32	Dec. 15, 1913	Competency.
Savage, Richard	Clark City	Kankakee	36	Feb. 20, 1896	Competency.
Sawers, Joseph	Coal City	Grundy	45	Oct. 21, 1895	Service.
Sawers, Joseph	..do	..do	45	Feb. 20, 1896	Competency.
Sawers, William	..do	..do	21	Apr. 11, 1910	Competency.
Sawyer, Valentine	Staunton	Macoupin	32	July 20, 1903	Competency.
Saylor, C. F	Murphysboro	Jackson	33	Nov. 18, 1895	Competency.
Schadt, Conrad	Rock Island	Rock Island	21	Jan. 16, 1905	Competency.
Schaifer, Fred	Belleville	St. Clair	49	Nov. 18, 1895	Competency.
Scharmek, Frank	Edwardsville	Madison	32	Nov. 18, 1895	Competency.
Scheffler, Julius	Pekin	Tazewell	26	Apr. 9, 1900	Competency.
Schellinger, J. A	Harrisburg	Saline	21	Oct. 15, 1906	Competency.
Schlomann, John A	Mt. Olive	Macoupin	29	Mar. 25, 1907	Competency.
Schmacker, Charles	Marissa	St. Clair	22	Aug. 26, 1896	Service.
Schmacker, Herman	Glen Carbon	Madison	29	May 16, 1896	Competency.
Schneider, Fred W	Staunton	Macoupin	26	Nov. 13, 1905	Competency.
Schneiderwind, Henry	Lenzburg	St. Clair	35	May 15, 1916	First class.
Schnessel, Conrad	Breese	Clinton	36	Nov. 18, 1895	Competency.
Schnute, Henry	..do	..do	34	July 16, 1906	Competency.
Schofield, Peter	Coal City	Grundy	50	Apr. 16, 1906	Competency.
Schoolcraft, Lom	Carterville	Williamson	26	Apr. 27, 1903	Competency.
Schraeder, Edward	Pekin	Tazewell	22	July 27, 1908	Competency.
Schramm, Charles	Belleville	St. Clair	40	July 25, 1899	Competency.
Schramm, Chas	..do	..do	35	Nov. 18, 1895	Service.
Schroeder, Chas	Mt. Olive	Macoupin	37	Nov. 18, 1895	Competency.
Schroeder, Fritz	Breese	Clinton	37	Mar. 13, 1905	Competency.
Schroeder, Henry	Mt. Olive	Macoupin	35	Nov. 18, 1895	Competency.
Schroder, John W	Murphysboro	Jackson	24	Apr. 16, 1906	Competency.
Schulte, Fritz	Clinton	Dewitt	59	Nov. 18, 1895	Competency.
Schumacher, Chas	Marissa	St. Clair	26	Feb. 28, 1899	Competency.
Schumm, Fred W	Gardner	Grundy	35	Sept. 26, 1899	Competency.
Schumm, George W	Orient	Franklin	23	June 14, 1914	Competency.
Schuster, John	Marissa	St. Clair	38	Nov. 24, 1902	Competency.

Hoisting Engineers—Continued.

Name.	Post office.	County.	Age.	Date of examination.	Kind of certificate.
Schweska, Otto	Springfield	Sangamon	38	July 16, 1906	Competency.
Scott, James W	Colchester	McDonough	26	Oct. 21, 1895	Competency.
Scovel, Leo	Farmington	Fulton	26	Oct. 15, 1906	Competency
Scurah, Casting R	Braceville	Grundy	37	Oct. 15, 1900	Competency.
Secor, F. D	Odin	Marion	48	Nov. 18, 1895	Competency.
Seddon, John	O'Fallon	St. Clair	34	Nov. 18, 1895	Competency.
Seeback, Joseph	Springvalley	Bureau	44	Feb. 20, 1896	Service.
Seeman, George A	Cantrall	Sangamon	22	Sept. 23, 1901	Competency.
Seeman, John C	do	do	56	May 16, 1896	Competency.
Seen, Chas	Sandoval	Marion	41	Jan. 8, 1895	Competency.
Seets, Lawrence	Herrin	Williamson	27	July 18, 1911	Competency.
Seidel, Fred	Kinmundy	Marion	28	Nov. 23, 1896	Competency.
Seiler, Wm	Ornsby	Macoupin	39	Nov. 18, 1895	Competency.
Seipp, Henry	O'Fallon	St. Clair	25	July 22, 1912	Competency.
Sells, Charles B	Colfax	McLean	21	Dec. 5, 1899	Competency.
Selotto, Louis	Witt	Montgomery	25	Dec. 14, 1914	Competency.
Sexton, Fred	Benton	Franklin	29	July 10, 1911	Competency.
Sexton, Layfaett	Dawson	Sangamon	30	May 16, 1896	Service.
Seymour, John	Colfax	McLean	32	Feb. 28, 1899	Competency.
Shafer, James M	Girard	Macoupin	37	Oct. 15, 1900	Competency.
Shaffer, Jas. P	Troy	Madison	27	July 12, 1909	Competency.
Shaffer, Roy T	do	do	22	July 22, 1912	Competency.
Shanklin, Albert S	Carterville	Williamson	36	Apr. 27, 1903	Competency.
Shannessy, Thomas	Braidwood	Will	31	Nov. 14, 1904	Competency.
Sharp, John H	Springvalley	Bureau	43	Feb. 12, 1900	Competency.
Sharp, Mark H	Taylorville	Christian	31	Apr. 14, 1913	Competency.
Sheehan, Peter[5]	Athens	Menard	28	Feb. 12, 1900	Competency.
Sheets, Walter L	New Athens	St. Clair	24	Jan. 16, 1905	Competency.
Shellenger, Sidney	Willisville	Perry	33	Apr. 27, 1903	Competency.
Shelton, W. T	Herrin	Williamson	28	June 16, 1913	Competency.
Shepherd, Isaac V	Fairmount	Vermilion	36	Jan. 20, 1902	Competency.
Shepherd, W. H	Marquette	Bureau	28	Aug. 26, 1896	Service.
Sherer, John F	Georgetown	Vermilion	32	June 16, 1913	Competency.
Sherertz, Harry	Herrin	Williamson	22	July 16, 1906	Competency.
Shinn, Charles	Springfield	Sangamon	42	Sept. 26, 1899	Competency.
Shipe, George A	Tilden	Randolph	22	July 31, 1905	Competency.
Shriver, P. A	Kinmundy	Marion	43	July 25, 1899	Competency.
Shroyer, A. D	Lincoln	Logan	35	Aug. 26, 1896	Competency.
Shuler, H. M	Gilchrist	Mercer	26	Nov. 14, 1904	Competency.
Shult, S. C	Sorento	Bond	40	Feb. 17, 1908	Competency.
Shulty, Alfred	Mechanicsburg	Sangamon	40	Feb. 17, 1908	Competency.
Shunn, Fred	Gardner	Grundy	31	Oct. 21, 1895	Service.
Siddall, Eli	Belleville	St. Clair	22	Apr. 16, 1906	Competency.
Siddall, Herbert	do	do	21	Apr. 14, 1902	Competency.
Siddall, John	do	do	33	Nov. 18, 1895	Competency.
Siddall, Levi	do	do	21	Nov. 18, 1895	Competency.
Sieberg, E. C	Percy	Randolph	21	Sept. 21, 1908	Competency.
Sieberg, Henry	do	do	27	Nov. 20, 1911	Competency.
Sieberg, Walter	do	do	21	May 15, 1916	First class.
Silliman, Sol	Harrisburg	Saline	51	Apr. 27, 1903	Competency.
Silvis, Thomas S	Carbon Cliff	Rock Island	35	Dec. 10, 1900	Competency.
Simmons, Alfred C	Moweaqua	Shelby	42	Apr. 9, 1900	Competency.
Simmons, Haywood	Murphysboro	Jackson	35	Apr. 27, 1903	Competency.
Simpkins, Homer	Streator	LaSalle	27	Apr. 14, 1902	Competency.
Sinclair, Guy S	Glen Carbon	Madison	35	Dec. 10, 1900	Competency.
Sisk, Aubrey	Equality	Gallatin	27	Jan. 14, 1907	Competency.
Sitton, W. A	Gillespie	Macoupin	40	Nov. 13, 1905	Competency.
Sizemore, A. J	Fredonia	Williamson	32	May 16, 1896	Service.
Sizemore, Wm. I	Carterville	do	29	Apr. 9, 1900	Competency.
Slocum, Clarence	Gilchrist	Mercer	35	May 16, 1896	Competency.
Smith, Charles H	Seneca	LaSalle	29	Jan. 20, 1902	Competency.
Smith, Chester	Danville	Vermilion	25	Apr. 14, 1913	Competency.
Smith, Ed. J	Collinsville	Madison	33	Nov. 18, 1895	Competency.
Smith, Firth	Murphysboro	Jackson	54	Nov. 25, 1901	Competency.
Smith, George W	Virginia	Cass	19	Oct. 21, 1895	Service.
Smith, George W	do	do	22	Sept. 13, 1897	Competency.
Smith, Geo. W	St. Louis, Mo		34	Nov. 23, 1896	Competency.
Smith, Henry	East Peoria	Tazewell	27	July 12, 1909	Competency.
Smith, James M	Cambria	Williamson	24	Apr. 16, 1912	Competency.
Smith, John	Marissa	St. Clair	46	Feb. 9, 1914	Competency.
Smith, John	Carterville	Williamson	27	Mar. 25, 1907	Competency.
Smith, John	Staunton	Macoupin	26	Nov. 1, 1909	Competency.
Smith, J. B	Clifford	Williamson	28	Oct. 11, 1915	First class.
Smith, J. F	Danville	Vermilion	22	June 16, 1913	Competency.
Smith, Philip	do	do	34	July 20, 1903	Competency.
Smith, Robert	Collinsville	Madison	49	Mar. 11, 1901	Competency.

Hoisting Engineers—Continued.

Name.	Post office.	County.	Age.	Date of examination.	Kind of certificate.
Smith, S.	Marseilles	LaSalle	45	July 13, 1897	Competency.
Smithmeyer, Anton	Lincoln	Logan	30	Sept. 23, 1901	Competency.
Smyth, C. M.	Danville	Vermilion	36	Mar. 1, 1898	Competency.
Smyth, William J.	Cutler	Macoupin	43	Feb. 17, 1908	Competency.
Sneddon, Richard	Catlin	Vermilion	40	Nov. 18, 1895	Competency.
Sneyd, James	Westville	..do	34	Dec. 5, 1899	Competency.
Snowden, William	Georgetown	..do	34	Apr. 27, 1903	Competency.
Snyder, Arthur	Danville	..do	22	June 13, 1904	Competency.
Snyder, Chas.	Harrisburg	Saline	29	Oct. 11, 1915	First class.
Sofranks, John	Benld	Macoupin	27	July 27, 1908	Competency.
Soloman, Edward	Springfield	Sangamon	21	July 31, 1905	Competency.
Songer, T. B.	Astoria	Fulton	48	Mar. 13, 1905	Competency.
Sorrels, D. H.	Ashland	Cass	25	Feb. 20, 1896	Service.
South, Daniel G.	Ellisville	Fulton	40	Jan. 14, 1907	Competency.
Sowarby, Miles	Willisville	Perry	29	Nov. 18, 1895	Service.
Sowarby, Miles	..do	..do	31	Aug. 26, 1896	Competency.
Sparks, Emery C.	Ellisville	Fulton	35	Nov. 24, 1902	Competency.
Sparks, J. L.	Mt. Vernon	Jefferson	25	Nov. 18, 1895	Competency.
Sparling, Chas.	Seatonville	Bureau	30	May 16, 1896	Competency.
Sparling, Henry	..do	..do	33	Feb. 20, 1896	Competency.
Spegal, E.	Bush	Williamson	38	Nov. 11, 1912	Competency.
Spence, Elmer	Farmington	Fulton	23	Mar. 11, 1901	Competency.
Spiller, Elijah	Hallidayboro	Jackson	39	Dec. 10, 1900	Competency.
Spiller, Geo. H.	Johnston City	Williamson	25	Jan. 14, 1907	Competency.
Spires, Albert	Braceville	Grundy	26	Nov. 14, 1904	Competency.
Spyres, Arthur	Canton	Fulton	41	Nov. 11, 1912	Competency.
Srout, J. W.	Pontiac	Livingston	34	Feb. 20, 1896	Competency.
Stanfel, Martin	Toluca	Marshall	40	Dec. 6, 1898	Competency.
Stanford, J. W.	Pana	Christian	32	May 16, 1896	Competency.
Stanforth, Frank	Wanlock	Mercer	31	Apr. 27, 1903	Competency.
Stange, Fred	Marquette	Bureau	46	Nov. 14, 1904	Competency.
Starks, J. W.	Georgetown	Vermilion	34	May 15, 1916	First class.
Starnes, Peter	West Frankfort	Franklin	60	July 16, 1906	Competency.
Staunton, Wm. E.	Colchester	McDonough	56	May 21, 1900	Competency.
Stedman, Edgar	Missionfield	Vermilion	21	Oct. 21, 1895	Competency.
Stedman, Frank	Westville	..do	24	Jan. 14, 1907	Competency.
Stedman, Robt., Sr.	Danville	..do	45	Nov. 18, 1895	Competency.
Steel, E. H.	Salem	Marion	50	Nov. 18, 1895	Competency.
Steele, James, Jr.	Granville	Putnam	21	May 15, 1916	First class.
Steinheimer, Theodore	Lenzburg	St. Clair	28	Sept. 13, 1898	Competency.
Stell, Cleve	Cuba	Fulton	23	Apr. 12, 1909	Competency.
Stephen, C. H.	Springvalley	Bureau	24	Feb. 20, 1896	Competency.
Stevens, Ernest P.	Farmington	Fulton	23	Sept. 8, 1913	Competency.
Steward, James C.	Carbon Hill	Grundy	20	Oct. 21, 1895	Competency.
Steward, L. A.	Mt. Vernon	Jefferson	30	*Mar. 8, 1897	Competency.
Steward, Peter	Murphysboro	Jackson	49	Nov. 18, 1895	Competency.
Stewart, Daniel	Streator	LaSalle	38	Nov. 14, 1905	Competency.
Steward, Ninian	London Mills	Fulton	46	Oct. 12, 1914	Competency.
Stewart, Rolla W.	Willisville	Perry	30	Feb. 15, 1909	Competency.
Stienmeier, Ernest	Staunton	Macoupin	23	July 20, 1903	Competency.
Stoehr, Rolla	Carbon Cliff	Rock Island	21	Feb. 13, 1911	Competency.
Stocks, Herbert	Carterville	Williamson	28	Dec. 14, 1903	Competency.
Stoker, Edward	Bartonville	Peoria	21	Oct. 21, 1895	Service.
Stokes, A. E.	Buffalo	Sangamon	29	Nov. 14, 1904	Competency.
Stone, Frank	Lebanon	St. Clair	38	Apr. 13, 1897	Competency.
Stone, Nathan	Carterville	Williamson	24	June 24, 1901	Competency.
Stone, N. G.	Marion	..do	37	Apr. 16, 1906	Competency.
Stoops, J. A.	Sesser	Franklin	36	Apr. 16, 1912	Competency.
Storm, Edwin	Worden	Madison	24	Mar. 1, 1898	Competency.
Stout, F. M.	Springfield	Sangamon	26	May 16, 1896	Competency.
Stout, Wm. E.	Rutland	LaSalle	26	Feb. 20, 1896	Competency.
Stowell, Geo. W.	Bloomington	McLean	40	Feb. 20, 1896	Competency.
Strader, Clarence	Westville	Vermilion	34	Nov. 13, 1905	Competency.
Strait, John D.	Pinckneyville	Perry	56	June 24, 1901	Competency.
Strand, William	Worden	Madison	45	Sept. 26, 1899	Competency.
Streik, William	Belleville	St. Clair	47	Sept. 13, 1898	Competency.
Strevey, William	Taylorville	Christian	44	Dec. 5, 1899	Competency.
Strick, Wm.	Belleville	St. Clair	44	Nov. 18, 1895	Service.
Strickland, Guy F.	Herrin	Williamson	23	Apr. 14, 1913	Competency.
Strike, Jas. M.	Marion	..do	25	Mar. 25, 1907	Competency.
Strock, John	West Frankfort	Franklin	32	Apr. 14, 1913	Competency.
Struck, Carl	Springfield	Sangamon	45	July 25, 1899	Competency.
Struck, Carl	..do	..do	40	Feb. 20, 1896	Service.
Struse, Henry H.	Athens	Menard	23	June 7, 1898	Competency.
Struthard, George B.	Westville	Vermilion	36	Dec. 5, 1899	Competency.
Stuart, John	Ladd	Bureau	34	July 13, 1897	Competency.

Hoisting Engineers—Continued.

Name.	Post office.	County.	Age.	Date of examination.	Kind of certificate.
Stuart, John	Oglesby	LaSalle	33	Feb. 20, 1896	Service.
Stuart, William	Springvalley	Bureau	22	Jan. 17, 1910	Competency.
Stull, Roy	Cherry	..do	26	Oct. 15, 1906	Competency.
Stutsman, H. F	Herrin	Williamson	39	Mar. 25, 1907	Competency.
Sullivan, Ernest J	Toluca	Marshall	31	Apr. 27, 1908	Competency.
Surber, Alex H	Danville	Vermilion	54	Apr. 14, 1902	Competency.
Sutton, Chas. M	Eldorado	Saline	27	Jan. 10, 1916	First class.
Svenson, Alfred	Greenview	Menard	46	Feb. 13, 1911	Competency.
Swanson, George	Canton	Fulton	23	Feb. 9, 1914	Competency.
Swartz, Fred	Toluca	Marshall	28	May 16, 1896	Competency.
Swift, Wilber	Edinburg	Christian	45	Sept. 21, 1908	Competency.
Taggart, Robert	Peoria	Peoria	29	Nov. 30, 1908	Competency.
Talley, Oscar E	Cambria	Williamson	35	Nov. 20, 1911	Competency.
Tanner, Frank N	Bloomington	McLean	28	Apr. 9, 1900	Competency.
Tanner, Henry	Pinckneyville	Perry	46	Nov. 23, 1896	Service.
Taylor, A. P	Johnston City	Williamson	48	Nov. 14, 1904	Competency.
Taylor, Benjamin	Braceville	Grundy	59	Oct. 21, 1895	Service.
Taylor, Charles R	Cantrall	Sangamon	31	Feb. 9, 1914	Competency.
Taylor, Edwin	Trenton	Clinton	36	Nov. 18, 1895	Competency.
Taylor, Harry	Peoria	Peoria	19	Jan. 16, 1905	Competency.
Taylor, James	Edwards	..do	46	Feb. 12, 1900	Competency.
Taylor, Joseph G., Jr	Springfield	Sangamon	21	July 31, 1905	Competency.
Taylor, Mack	Westville	Vermilion	28	Oct. 21, 1895	Competency.
Taylor, Samuel	Princeville	Peoria	32	Jan. 14, 1907	Competency.
Taylor, Simeon W	Bissell	Sangamon	40	Nov. 25, 1901	Competency.
Taylor, Willard W	Tamaroa	Perry	32	Apr. 9, 1900	Competency.
Taylor, Williard W	..do	..do	27	Nov. 18, 1895	Service.
Teaters, Clayton N	Taylorville	Christian	43	July 20, 1903	Competency.
Tefft, Chalmer	East St. Louis	St. Clair	21	Mar. 7, 1916	First class.
Tefft, Earnest	Girard	Macoupin	23	Aug. 26, 1896	Service.
Tefft, Ernest	Mt. Olive	..do	27	Feb. 28, 1899	Competency.
Telfer, John K	Morris	Grundy	31	Feb. 20, 1896	Service.
Temple, Geo. M	Springfield	Sangamon	24	July 12, 1909	Competency.
Temple, James C	..do	..do	47	May 16, 1896	Competency.
Terpening, N. M	Danville	Vermilion	31	Oct. 12, 1914	Competency.
Terry, George L	Raymond	Montgomery	32	June 24, 1901	Competency.
Terry, W. F	Litchfield	..do	35	Mar. 1, 1898	Competency.
Thalgott, John	Trenton	Clinton	21	Nov. 13, 1905	Competency.
Theiss, John C	Murphysboro	Jackson	30	July 16, 1906	Competency.
Thetford, John R	Herrin	Williamson	23	June 24, 1907	Competency.
Thexton, Henry	Rushville	Schuyler	35	May 16, 1896	Competency.
Thom, Robert	Coal City	Grundy	21	July 20, 1903	Competency.
Thomas, Charles	DeSoto	Jackson	31	Sept. 9, 1901	Competency.
Thomas, Charles E	Craig	Perry	30	Feb. 8, 1915	Competency.
Thomas, Fred	Rutland	LaSalle	29	May 16, 1896	Competency.
Thomas, G. E	DeSoto	Jackson	39	Nov. 14, 1904	Competency.
Thomas, W. E	Benton	Franklin	21	Nov. 20, 1911	Competency.
Thomas, W. G	..do	..do	39	Apr. 12, 1909	Competency.
Thommen, Fred	Roanoke	Woodford	23	Mar. 7, 1916	First class.
Thompson, Fred	Westville	Vermilion	32	Dec. 5, 1899	Competency.
Thompson, J. H	Marion	Williamson	22	Sept. 13, 1898	Competency.
Thompson, Solomon E	Effingham	Effingham	48	Jan. 16, 1905	Competency.
Thompson, Wm. H	Himrod	Vermilion	29	Mar. 11, 1901	Competency.
Thornsberry, Hiram A	Duquoin	Perry	25	Nov. 24, 1902	Competency.
Thran, Chas. G	Johnston City	Williamson	21	Mar. 25, 1907	Competency.
Thurston, R. T	Mulkeytown	Franklin	35	July 16, 1906	Competency.
Tibbals, E. A	Marion	Williamson	30	Nov. 18, 1895	Competency.
Timmons, Irwin F	Wyoming	Stark	28	Nov. 25, 1901	Competency.
Tindell, John L	Danville	Vermilion	27	Apr. 27, 1903	Competency.
Titus, Chas. B	Tower Hill	Shelby	36	Apr. 27, 1903	Competency.
Tobin, Robt	Springfield	Sangamon	44	Aug. 6, 1900	Competency.
Tori, Frank	..do	..do	37	Aug. 15, 1910	Competency.
Towles, Arthur C	Harrisburg	Saline	32	Jan. 17, 1910	Competency.
Towles, William	..do	..do	26	Dec. 19, 1910	Competency.
Trainer, Arthur E	Blue Mound	Macon	20	Oct. 15, 1906	Competency.
Trainer, William	Springfield	Sangamon	30	Apr. 11, 1910	Competency.
Traughbee, Peter	Assumption	Christian	26	Nov. 13, 1905	Competency.
Travis, Alonzo	Pana	..do	27	Nov. 18, 1895	Competency.
Travis, Wm	Lenz Station	St. Clair	28	Nov. 18, 1895	Competency.
Tregoning, Chas	Carterville	Williamson	24	Nov. 23, 1896	Competency.
Tregoning, Geo	..do	..do	21	June 24, 1901	Competency.
Tumbleson, Sinclair	Centralia	Marion	36	Nov. 25, 1901	Competency.
Turner, Geo. W	Lewistown	Fulton	38	Dec. 10, 1900	Competency.
Tweedy, Able	Staunton	Macoupin	28	June 13, 1904	Competency.
Twomby, Edwin	Coal Valley	Rock Island	34	Feb. 20, 1896	Competency.

Hoisting Engineers—Continued.

Name.	Post office.	County.	Age.	Date of examination.	Kind of certificate.
Tyler, A. E.	Farmington	Fulton	25	Apr. 5, 1915	Competency.
Tyrrell, Thomas	Cardiff	Livingston	23	Jan. 14, 1907	Competency.
Upchurch, William	Benton	Franklin	29	Nov. 11, 1912	Competency.
Utech, Charles E.	Streator	LaSalle	46	Nov. 11, 1912	Competency.
Utter, Chas.	Farmington	Fulton	35	Mar. 25, 1907	Competency.
Valentine, Charles	Cable	Mercer	41	Mar. 11, 1901	Competency.
Vallow, Oliver P.	Kinmundy	Marion	51	May 21, 1900	Competency.
VanDensen, Leonard A.	Braceville	Grundy	23	Jan. 16, 1905	Competency.
Vanderbruegge, Geo. H.	Glen Carbon	Madison	29	Dec. 2, 1907	Competency.
Vandeveer, Geo. W.	Centralia	Marion	48	Nov. 14, 1904	Competency.
Vandeveer, P. E.	Taylorville	Christian	28	Oct. 21, 1895	Competency.
VanFleet, L. E.	Barclay	Sangamon	39	Nov. 14, 1904	Competency.
VanMeter, Percy	Williamsville	..do	21	Apr. 17, 1905	Competency.
Vaughn, John	McLean	McLean	35	Feb. 28, 1899	Competency.
Vaughn, Wm. M.	Edwards	Peoria	22	June 24, 1901	Competency.
Verhey, Joseph	Coal City	Grundy	23	Nov. 1, 1909	Competency.
Vermilion, Erwin	Pana	Christian	37	Sept. 8, 1913	Competency.
Vernon, James	LaSalle	LaSalle	45	Feb. 20, 1896	Competency.
Vieweg, Emil	Mt. Olive	Macoupin	24	Apr. 5, 1915	Competency.
Vigna, Frank E.	Collinsville	Madison	29	Apr. 12, 1909	Competency.
Vinecore, Stephen A. D.	Rutland	LaSalle	43	July 31, 1905	Competency.
Vitt, W. T.	Mt. Olive	Macoupin	22	July 12, 1909	Competency.
Voelkel, Edward C.	Belleville	St. Clair	28	Jan. 14, 1907	Competency.
Voight, C. J.	Springfield	Sangamon	21	Apr. 16, 1912	Competency.
Vollentine, Thos. E.	Sorento	Bond	31	Nov. 13, 1905	Competency.
Von Brum, Max	Glen Carbon	Madison	35	Aug. 15, 1904	Competency.
Wade, George H.	Johnston City	Williamson	32	June 13, 1904	Competency.
Waggoner, Wm. F.	Raymond	Montgomery	30	Mar. 1, 1898	Competency.
Wagner, John B.	Collinsville	Madison	24	Jan. 16, 1905	Competency.
Wagoner, Albert H.	Johnston City	Williamson	25	June 13, 1904	Competency.
Waldron, Thomas	Fredonia	..do	23	Feb. 20, 1896	Competency.
Walker, George A.	Staunton	Macoupin	23	Apr. 11, 1910	Competency.
Walker, James	Spaulding	Sangamon	46	July 20, 1903	Competency.
Walker, John H.	Mt. Olive	Macoupin	25	May 16, 1896	Competency.
Walker, Joshua	..do	..do	35	Aug. 26, 1896	Competency.
Walker, Ora	Petersburg	Menard	26	Apr. 12, 1909	Competency.
Walker, O. W.	Staunton	Macoupin	23	July 10, 1911	Competency.
Walker, William	Salisbury	Sangamon	23	June 16, 1913	Competency.
Wallace, Harry G.	East Peoria	Tazewell	34	May 16, 1896	Service.
Wallace, Henry G.	..do	..do	38	Mar. 11, 1901	Competency.
Wallace, J. K.	Marion	Williamson	22	Apr. 12, 1909	Competency.
Waller, Wm. F.	..do	..do	50	Nov. 24, 1902	Competency.
Wallford, Noah	Hillsboro	Montgomery	24	Mar. 1, 1898	Competency.
Walsh, James D.	LaSalle	LaSalle	27	Nov. 23, 1896	Competency.
Walters, Floyd	West Frankfort	Franklin	27	Dec. 15, 1913	Competency.
Walton, A. F.	Auburn	Sangamon	28	June 7, 1898	Competency.
Walton, Hugh	Norris	Fulton	26	Sept. 22, 1902	Competency.
Walton, Joseph	St. David	..do	43	Oct. 21, 1895	Competency.
Walton, Patrick	Bureau	Bureau	38	Feb. 28, 1899	Competency.
Wandless, W. S.	Collinsville	Madison	35	Nov. 18, 1895	Competency.
Wantling, T. J.	Pottstown	Peoria	32	Aug. 26, 1896	Competency.
Ward, D. E.	Willisville	Perry	29	Apr. 12, 1909	Competency.
Warner, Andrew N.	Wenona	Marshall	34	Feb. 21, 1896	Service.
Warner, Andrew	Colfax	McLean	43	Nov. 14, 1904	Competency.
Warner, Richard	Troy	Madison	58	Sept. 26, 1899	Competency.
Wasner, Martin	Farmington	Fulton	32	July 20, 1903	Competency.
Wassell, Andrew	Taft	Putnam	23	Sept. 8, 1913	Competency.
Wassel, Anton	Braceville	Grundy	35	Oct. 21, 1895	Competency.
Wasson, J. D.	Dunfermline	Fulton	38	Apr. 11, 1910	Competency.
Waters, Robert	Springfield	Sangamon	40	Sept. 23, 1901	Competency.
Watkins, N. R.	..do	..do	27	Mar. 13, 1905	Competency.
Watson, Charles	Hanna City	Peoria	30	Nov. 30, 1908	Competency.
Watson, Frank	Springfield	Sangamon	45	Dec. 5, 1899	Competency.
Watson, Milo	Riverton	..do	27	Dec. 14, 1903	Competency.
Watson, W. W.	..do	..do	29	Nov. 30, 1908	Competency.
Wattowa, Jos.	Belleville	St. Clair	47	Nov. 18, 1895	Competency.
Watts, T. J.	Elmwood	Peoria	24	Oct. 21, 1895	Competency.
Waugh, Percy	Herrin	Williamson	21	Sept. 8, 1913	Competency.
Waymire, James	Assumption	Christian	41	June 6, 1899	Competency.
Waymire, James	..do	..do	37	May 16, 1896	Service.
Wear, Roscoe	Colchester	McDonough	29	Mar. 13, 1905	Competency.
Weatherholt, Wm.	Moweaqua	Shelby	28	Apr. 14, 1913	Competency.
Weaver, Elmer	Dunfermline	Fulton	29	Nov. 25, 1901	Competency.

Hoisting Engineers—Continued.

Name.	Post office.	County.	Age.	Date of examination.	Kind of certificate.
Weaver, J. F.	Hillsboro	Montgomery	39	Apr. 20, 1914	Competency.
Weaver, Orlie	Canton	Fulton	30	July 31, 1905	Competency.
Webb, Albert M.	Greenview	Menard	30	Apr. 14, 1902	Competency.
Webber, J. S.	Rutland	LaSalle	39	Nov. 14, 1904	Competency.
Weber, Herman H.	Freeburg	St. Clair	26	Feb. 9, 1914	Competency.
Weber, William	Murphysboro	Jackson	24	Oct. 15, 1906	Competency.
Weggandt, Arthur	Belleville	St. Clair	22	Apr. 16, 1912	Competency.
Weggandt, Peter	..do	..do	21	Dec. 2, 1907	Competency.
Wehling, Fred	Reddick	Kankakee	31	July 16, 1906	Competency.
Welch, Benj	Harrisburg	Saline	31	Apr. 9, 1900	Competency.
Wells, Perry	Hanaford	Franklin	40	June 16, 1913	Competency.
Welshams, Henry M.	Sparta	Randolph	29	Jan. 14, 1907	Competency.
Welty, Thos	Herrin	Williamson	27	Jan. 14, 1907	Competency.
Wente, Frank	Nashville	Washington	23	Dec. 5, 1899	Competency.
Wersen, W. L.	Springfield	Sangamon	28	Nov. 24, 1902	Competency.
Wesner, Ephriam	Streator	LaSalle	40	Apr. 9, 1900	Competency.
West, Leonard	Pana	Christian	25	Jan. 6, 1913	Competency.
West, Ollie	Herrin	Williamson	23	Nov. 24, 1902	Competency.
West, W. H.	Murphysboro	Jackson	36	Nov. 18, 1895	Competency.
Westerby, James	Parmington	Fulton	24	Apr. 27, 1908	Competency.
Westerby, James	..do	..do	25	Nov. 1, 1909	Competency.
Westwood, Albert	Belleville	St. Clair	27	Feb. 20, 1896	Competency.
Westwood, Edward	Birkner	..do	49	Sept. 13, 1898	Competency.
Westwood, Edward	..do	..do	46	Nov. 18, 1895	Service.
Westwood, Frank T.	Belleville	..do	21	Apr. 27, 1903	Competency.
Westwood, Thos. E.	Marissa	..do	53	July 31, 1905	Competency.
Weymouth, John	Springfield	Sangamon	39	Apr. 14, 1902	Competency.
Wheatley, John W.	Coal City	Grundy	48	Dec. 5, 1899	Competency.
Wheatley, Rolley	Duquoin	Perry	30	Nov. 18, 1895	Service.
Wheeler, J. H.	Marseilles	LaSalle	54	Apr. 27, 1908	Competency.
White, Booker	Catlin	Vermilion	38	Nov. 14, 1904	Competency.
White, Henry	Riverton	Sangamon	54	Mar. 1, 1898	Competency.
White, Henry	..do	..do	55	May 16, 1896	Service.
White, James S.	Streator	LaSalle	53	Jan. 10, 1916	Second class.
White, John D.	Herrin	Williamson	22	Feb. 8, 1915	Competency.
White, Korah	Tower Hill	Shelby	34	Apr. 27, 1903	Competency.
White, Percy J.	Springfield	Sangamon	37	Nov. 23, 1896	Competency.
White, Robert	Lincoln	Logan	36	May 16, 1896	Competency.
White, William	Johnston City	Williamson	25	Jan. 14, 1907	Competency.
Wickersham, J. R.	Lake Creek	..do	42	Sept. 13, 1898	Competency.
Widick, Edward C.	Finley	Shelby	39	July 31, 1905	Competency.
Wild, John	Murphysboro	Jackson	26	Aug. 12, 1907	Competency.
Wilderman, W. O.	Christopher	Franklin	28	Oct. 24, 1910	Competency.
Wilkins, Blaine	Johnston City	Williamson	23	Apr. 14, 1913	Competency.
Wilkins, W. P.	Springfield	Sangamon	32	Nov. 18, 1895	Competency.
Wilkinson, Eugene	Taylorville	Christian	27	July 31, 1905	Competency.
Wilkinson, F. A.	Marion	Williamson	37	July 12, 1909	Competency.
Wilkinson, Louis	Pekin	Tazewell	31	Jan. 8, 1906	Competency.
Williams, Andrew D.	Sandoval	Marion	43	Nov. 24, 1902	Competency.
Williams, Harvey	Lincoln	Logan	28	Nov. 20, 1911	Competency.
Williams, Henry B.	Elkville	Jackson	26	Dec. 15, 1913	Competency.
Williams, Huston	Spaulding	Sangamon	.....	Apr. 13, 1897	Competency.
Williams, Huston	..do	..do	44	May 16, 1896	Service.
Williams, John	Springvalley	Bureau	33	June 7, 1898	Competency.
Williams, John F.	Eldorado	Saline	33	June 13, 1904	Competency.
Williams, John R.	Willisville	Perry	38	Oct. 15, 1906	Competency.
Williams, Joseph	Peoria	Peoria	44	Feb. 9, 1914	Competency.
Williams, Llewellyn	Mt. Olive	Macoupin	30	Apr. 16, 1906	Competency.
Williams, Marion	Royalton	Franklin	43	Nov. 20, 1911	Competency.
Williams, Stephen P.	Wyoming	Stark	30	Oct. 21, 1895	Service.
Williams, Thomas	Virden	Macoupin	34	July 22, 1912	Competency.
Williams, Thomas E.	St. David	Fulton	48	June 7, 1898	Competency.
Williams, T. B.	Herrin	Williamson	28	Apr. 16, 1912	Competency.
Williams, Watson	Barclay	Sangamon	42	May 16, 1896	Service.
Williams, Watson	Virden	Macoupin	44	June 6, 1899	Competency.
Williams, William	Duquoin	Perry	50	July 20, 1903	Competency.
Williams, Wm. C.	Sherrard	Mercer	32	Nov. 23, 1896	Competency.
Williams, Wm. H.	Murphysboro	Jackson	44	Dec. 5, 1899	Competency.
Williamson, Geo.	Thayer	Sangamon	22	Jan. 14, 1907	Competency.
Williamson, Henry	Coal City	Grundy	29	Oct. 21, 1895	Competency.
Williamson, William	..do	..do	33	Oct. 21, 1895	Competency.
Wills, Harry E.	Harrisburg	Saline	30	Aug. 6, 1900	Competency.
Wills, Harry	New Castle	..do	25	Nov. 18, 1895	Service.
Wilson, Allen	Danville	Vermilion	23	Apr. 16, 1912	Competency.
Wilson, Alex M., Jr.	Cutler	Perry	21	Nov. 1, 1909	Competency.
Wilson, David	Birkner	St. Clair	33	Nov. 18, 1895	Competency.

Hoisting Engineers—Concluded.

Name.	Post office.	County.	Age.	Date of examination.	Kind of certificate.
Wilson, H. C.	Farmington	Fulton	48	Apr. 16, 1906	Competency.
Wilson, James	Springfield	Sangamon	43	Mar. 11, 1901	Competency.
Wilson, John F.	Taylorville	Christian	39	Feb. 13, 1911	Competency.
Wilson, J. E.	Sparta	Randolph	21	June 14, 1914	Competency.
Wilson, Neil	Springvalley	Bureau	30	Nov. 1, 1909	Competency.
Wilson, Roland	Marion	Williamson	21	Nov. 11, 1912	Competency.
Wilson, W. H.	Middlegrove	Fulton	43	Oct. 21, 1895	Competency.
Wilterwood, William	Nokomis	Montgomery	29	Jan. 16, 1905	Competency.
Windsor, Robert	Norris	Fulton	53	Aug. 15, 1904	Competency.
Windsor, Samuel	..do	..do	24	June 24, 1901	Competency.
Wines, E. R.	Springfield	Sangamon	47	June 6, 1899	Competency.
Winter, Joseph	Breese	Clinton	25	Feb. 13, 1911	Competency.
Wiseman, Richard L.	Herrin	Williamson	23	Apr. 16, 1912	Competency.
Wohlers, Henry	Mt. Olive	Macoupin	36	Oct. 21, 1895	Competency.
Wohlford, John	Taylorville	Christian	31	Nov. 13, 1905	Competency.
Wohlman, George	Campbell Hill	Jackson	30	Dec. 14, 1914	Competency.
Wolfe, Wm.	Carterville	Williamson	21	July 31, 1905	Competency.
Wolfer, Herman	Hollis	Peoria	21	Sept. 21, 1908	Competency.
Wollcock, Chas.	Braceville	Grundy	29	Nov. 18, 1895	Competency.
Wolschlag, Geo. J.	Peoria	Peoria	28	Nov. 14, 1904	Competency.
Womack, Chas. A.	Glen Carbon	Madison	46	Oct. 15, 1900	Competency.
Wonnes, Joseph	Birkner	St. Clair	27	Nov. 18, 1895	Service.
Wood, Alfred J.	Girard	Macoupin	24	Oct. 11, 1915	First class.
Wood, Daniel A.	Colfax	McLean	36	Feb. 20, 1896	Service.
Wood, Daniel A.	..do	..do	40	Oct. 15, 1900	Competency.
Woodhouse, Frank	Bunker Hill	Macoupin	41	June 24, 1907	Competency.
Woodruf, Jesse	Clifford	Williamson	30	Nov. 30, 1908	Competency.
Woodward, J. R.	Streator	LaSalle	33	May 16, 1896	Competency.
Woodworth, Peter	Pekin	Tazewell	33	Mar. 1, 1898	Competency.
Woolbright, D. A.	Centralia	Marion	40	May 16, 1896	Service.
Woolbright, D. A.	..do	..do	41	Mar. 1, 1898	Competency.
Woolbright, Orpha	..do	..do	35	Apr. 14, 1913	Competency.
Wormick, Chas. A.	Glen Carbon	Madison	38	Nov. 18, 1895	Service.
Worms, Joseph	Birkner	St. Clair	32	Feb. 12, 1900	Competency.
Wright, Edward	Herrin	Williamson	33	Mar. 25, 1907	Competency.
Wright, Fred	Bush	..do	26	Feb. 13, 1911	Competency.
Wright, Joseph	Cardiff	Livingston	32	Apr. 10, 1911	Competency.
Wright, Newman	Toluca	Marshall	33	July 27, 1908	Competency.
Wright, Thomas C.	Belleville	St. Clair	21	Apr. 14, 1902	Competency.
Wright, Wm. M.	Pana	Christian	33	May 16, 1896	Competency.
Wrigley, James	Collinsville	Madison	22	June 6, 1899	Competency.
Wyer, Clarence	Westville	Vermilion	27	Jan. 14, 1907	Competency.
Yates, John	DeSoto	Jackson	31	Nov. 18, 1895	Competency.
Yates, William	Coal City	Grundy	32	May 16, 1896	Competency.
Yehling, Fred H.	Duquoin	Perry	32	May 16, 1896	Competency.
Yehling, Herman E.	Staunton	Macoupin	22	June 15, 1915	Competency.
Yehling, Louis	Edwardsville	Madison	21	Nov. 20, 1911	Competency.
Young, A. E.	Christopher	Frankhn	22	Oct. 24, 1910	Competency.
Young, A. O. K.	Girard	Macoupin	38	Sept. 13, 1898	Competency.
Young, Henry G.	Pinckneyville	Perry	34	Feb. 15, 1909	Competency.
Young, James G.	Gardner	Grundy	33	Feb. 20, 1896	Competency.
Young, J. K.	Girard	Macoupin	33	May 16, 1896	Competency.
Young, Peter J.	Springfield	Sangamon	24	Dec. 5, 1899	Competency.
Young, Robert	LaSalle	LaSalle	36	Oct. 21, 1895	Competency.
Young, W. L.	Duquoin	Perry	36	July 25, 1899	Competency.
Younghusband, Lancelot	Coal City	Grundy	27	July 20, 1903	Competency.
Youngquist, Frank	Sherrard	Mercer	29	June 7, 1898	Competency.
Zahl, Fred T.	St. John	Perry	34	Apr. 9, 1900	Competency.
Zeigler, Fred	Edwardsville	Madison	27	Jan. 8, 1906	Competency.
Zeigler, John	Illes Junction	Sangamon	39	June 6, 1899	Competency.
Zeigler, John	..do	..do	36	May 16, 1896	Service.
Zellers, George	New Baden	Clinton	38	Dec. 15, 1913	Competency.
Zerban, Wm. F.	Belleville	St. Clair	28	July 20, 1903	Competency.
Zierjack, Walter F.	Fairmount	Vermilion	21	Oct. 24, 1910	Competency.
Zink, Peter A.	Belleville	St. Clair	26	Sept. 13, 1898	Competency.
Zuriker, Lorens	Cable	Mercer	29	May 16, 1896	Competency.

[1] No examination on this date and the minutes of the board do not show a certificate granted.
[2] Name changed to J. W. McQuade. Duplicate certificate issued July 26, 1911.
[3] Name changed from Wm. McGarry.
[4] Revoked Aug. 21, 1906.
[5] Cancelled Feb. 25, 1902.